

Cours donnés en anglais - Courses taught in english (update August 2018)

HUMAN SCIENCES

Law and Criminology

LDREU 2206	EU Internal Market Law
LDREU 2208	European Competition Law
LDREU 2209	Constitutional Law of the European Union
LDREU 2211	International Investment Law
LDRIN 2001	Theory and History of International Law
LDRIN 2002	International, Diplomatic, Consular and Immunities Law
LDROI 1282	Legal English
LDROI 1310	Introduction to comparative law
LDROI 1510	Introduction to American Law
LDROI 2103	Public International Law
LDROP 2031	Financial Markets Regulations
LDROP 2041	International Business Agreements
LDROP 2081	European and International Tax Law
LDROP 2091	International Protection of Human Rights
LDROP 2093	Leading cases of the European Court of Human Rights
LDROP 2101	Management of Intellectual Property Rights
LDROP 2122	European criminal law
LDROP 2161	International Law of the Sea and of the Environment
LDROP 2162	International Humanitarian Law
LDROP 2182	International Organizations, Peace and Security
LDROP 2184	International Disputes Settlement
LFIRM 2207	Firms and Antitrust

Economic, social and political sciences and communication

LCOMU 2310	Organizations strategies and strategic communication
LCOMU 2610	Internal communication and communication of change
LCOMU 2613	Crisis communication
LCOMU 2708	Media relations & community management
LCOMU 2903	Journalistic narratology
LDEMO 2402	Mixed methods : integrating qualitative and quantitative methods
LDEMO 2403	Event history analysis in social sciences
LDEMO 2404	Database management and processing
LECGE 1217	History of Economic Theories
LECGE 1218	Portfolio theory
LECGE 1330	Industrial organization
LECGE 1331	European Economy
LECGE 1332	Finance
LECGE 1333	Game theory and information in economics
LECGE 1334	Seminar International Economy : trade
LECON 2011	Interdependencies and Strategic Behavior
LECON 2041	International Trade
LECON 2042	Globalization, firms and trade
LECON 2061	Philosophy and epistemology of the economics
LECON 2065	History of Economic Thought
LECON 2067	Critical Analysis of Market Economies
LECON 2069	Ethics and Social Choice
LECON 2111	Advanced Microeconomics I: Decision and Game Theory
LECON 2112	Advanced Microeconomics II: General Equilibrium and Mechanism Design
LECON 2121	Advanced Macroeconomics I : Intertemporal Behavior and Business Cycles
LECON 2122	Advanced Macroeconomics II : Growth, Dynamics and Policy
LECON 2131	Advanced Econometrics - UCL
LECON 2161	Advanced macroeconomics III
LECON 2310	Topics in Economic Growth: Theory and Applications
LECON 2313	Applied macroeconomics
LECON 2331	Economics of Finance and Risk Management - UNamur
LECON 2336	Management of Banks and Financial Institutions
LECON 2353	Labour Productivity
LECON 2370	Industrial Organization and Competition Policy
LECON 2372	Economics of Competition Policy
LECON 2374	Firm-Level analysis of labour and related issues
LECON 2411	Norms and Public Intervention
LECON 2436	Monetary and Financial Macroeconomics
LECON 2486	Economic Analysis Seminar III - UCL
LECON 2500	Mathematics and Statistics for Economics
LECON 2600	Dynamical Methods in Economics

LECON 2601	Advanced Econometrics II - Time Series Econometrics
LECON 2602	Advanced Econometrics II - Microeconometrics
LECON 2603	RS I: Econometrics Workshop
LECON 2604	Advanced International Trade
LECON 2605	Capital Markets Theory
LECON 2607	Public Economics
LECON 2608	Advanced Labour Economics
LECON 2609	Game Theory
LECON 2610	Industrial Organization
LECON 2652	Advanced development Economics (M652 - UNamur)
LECON 2653	Research Seminar I : Microeconomics (M613 - UNamur)
LECON 2655	Population and Family Economics
LECON 2665	Political Economy and Macro Institutions in Developing Economies - UNamur
LECON 2704	Advanced Course in Economics IV
LECON 2705	Advanced Course in Economics V
LECON 2706	Advanced Course in Economics VI
LECON 2820	Seminar in Contemporary Economic Issues - UNamur
LECON 2821	Population, Environment and Governance - UNamur
LECON 2822	Development and Institutions: Economic Approaches - UNamur
LECON 2823	Globalization and Macroeconomic Policies (UNamur)
LECON 2825	Poverty and Livelihood Strategies - UNamur
LECON 2826	Applied Econometrics - UNamur
LECON 2904	Political Economics : Explaining Public Policies - UNamur
LECON 2907	Institutional Foundations of Markets
LEDEV 2111	Fluctuations and development (UNamur)
LESPO 1114	Political Science
LETRI 2501	Probability
LEUSL 2010	Political Theories of European integration
LEUSL 2012	External Action of the European Union
LEUSL 2015	Actors of the European political system
LEUSL 2016	Europeanisation
LEUSL 2022	Institutional law of the European Union
LEUSL 2023	Substantive law of the European Union
LEUSL 2030	Economic and social integration in Europe
LEUSL 2042	Political sociology of the European Union
LEUSL 2043	History of European integration (interwar's period to European enlargement)
LEUSL 2051	Interdisciplinary seminar 'Thinking Europe'
LEUSL 2106	Regional policy
LEUSL 2107	Current European topics
LEUSL 2110	EU tax policy and globalization
LEUSL 2111	Area of freedom, security and justice
LEUSL 2112	Economic and Monetary Union
LEUSL 2113	Digital Europe
LEUSL 2202	Political philosophy and the European Union
LEUSL 2203	Human rights and values in Europe
LEUSL 2303	Relations between the European Union and Africa, Asia, Latin America
LEUSL 2304	Comparative analysis of regional integration processes (Europe, Asia, America)
LEUSL 2306	The EU and international trade
LEUSL 2717	Environment, consumer protection and health policies
LHOOV 2212	Social responsibility in Economic life
LHUMA 2390	Conflict Resolution and Transitional Justice
LINGE 1315	Finance
LINGE 1316	Production and Operations management
LPOLS 1212	Contemporary political regimes
LPOLS 1330	Comparative approach to national and international democratic challenges
LPPE 1101	Political Thought
LPPE 1102	Logic, Language & Politics
LPPE 1203	Voting
LPPE 1204	Practical Philosophy & Normative Economics
LPPE 1305	Globalisation
LPPE 1306	Epistemology, causation and modelisation
LSPOL 1125	Research design and skills
LSPOL 2901	Professional skill-building seminar: project design, management and diffusion
LSPRI 2010	Current Issues of International Security
LSPRI 2030	Political movements, organizations and parties
LSPRI 2052	Advanced comparative politics
LSPRI 2080	Foreign Policy Analysis
LSPRI 2105	Seminar of modelling political behaviour in Belgium and in Europe: citizens and elites
LSPRI 2200	Communication, political marketing and lobbying
LSPRI 2210	Seminar of Democratic Innovations and transformations
LSPRI 2215	Seminar of methods : applied methods tool box
LSPRI 2225	Publics policies of Sustainability in the European Union

LSPRI 2300	International Negotiation
LSPRI 2310	Geoeconomy
LSPRI 2328	Comparative Politics
LSPRI 2329	Digital politics
LSPRI 2650	Geostrategy in the Asia-Pacific
LTRAV 2700	Labour context in Europe
LTRAV 2710	Comparative training and employment systems
LTRAV 2720	Comparative social protection systems
LTRAV 2730	Comparative wage and HRM systems
LTRAV 2740	Comparative industrial relations systems
MADPU 2230	Public-sector innovation: theoretical foundations
MADPU 2231	Innovative public management : Human resources management
MADPU 2233	Place-based approach and innovative local public action
MADPU 2255	Implementing public-sector innovation
MSPRI 2162	Political Theories and Systems of the European Union
MSPRI 2225	International Crisis and Conflicts

Philosophy, arts and letters

LARKO 2240	Geomorphology and Geoarchaeology
LARKO 2341	Aegean Civilisations B
LASI 2303	Analysis of contemporary Japanese society
LCLIG 2230	Discourse Analysis
LFIAL 2260	Statistics for Linguistics
LFILO 2140	Advanced Studies in Ancient and Medieval Philosophy
LFILO 2180	Advanced Studies in Philosophical Anthropology A
LFILO 2191	Advanced Studies in Moral Philosophy B
LFILO 2300	Seminar on interpretation of Arabic Philosophical Texts
LGERM 1123	English Grammar
LGERM 1124	English Literature : Critical Approaches
LGERM 1126	English productive and receptive skills
LGERM 1324	The History of English Literature I
LGERM 1325	Civilisation of the English-speaking countries : cultural aspects
LGERM 1327	Advanced English language skills I
LGERM 1328	Introduction to English linguistics : syntax and stylistics
LGERM 1502	Advanced English language skills II
LGERM 1524	The History of English Literature II
LGERM 1525	American Culture: Memory and Identity Politics
LGERM 1528	Current issues and trends in English linguistics
LGERM 2522	English as a foreign language (EFL) methodology
LGERM 2719	Contrastive linguistics
LGERM 2720	Interactive Competence in English : English for academic purposes
LGERM 2722	In-depth study of Shakespeare's drama
LGERM 2723	English linguistics: sociolinguistics
LGERM 2724	English literature : Reading Roads in American Literary Texts
LGERM 2725	English Linguistics: Second Language Acquisition
LGERM 2726	Gender and Sustainability in Utopian/Dystopian Literatures in English
LGERM 2821	English Linguistics: Varieties of English
LGERM 2823	English Linguistics: Lexicology
LGERM 2824	English literature of the Older Period: The Canterbury Tales
LGERM 2826	Comics and the postcolonial
LGERM 2829	English Linguistics : Corpus Linguistics
LGERM 2871	Research seminar in English linguistics: Corpora and applied linguistics
LGERM 2872	The English Renaissance
LGERM 2921	Seminar : English Teaching Methodology
LGLOR 2524	East and West: Identity, Tradition and Modernity
LGLOR 2653	Armenian A
LGLOR 2654	Armenian B
LGLOR 2655	Georgian A
LGLOR 2656	Georgian B
LGLOR 2772	Asiatic Languages (Elamite, Hurrian)
LGLOR 2921	Seminar of Oriental Christianity
LGLOR 2932	Seminar : Arabic Literature
LHART 2240	Visual Culture Studies and Art History
LHART 2400	History of fortification, military arts and architecture
LLSTI 2120	Language, Culture, Translation and Interpreting - English
LMULT 2223	Reading comprehension and vocabulary extension: economic and commercial texts in English
LMULT 2421	Economic, legal, social and political issues in English-speaking countries
LMULT 2424	Oral business communication techniques in English (Part 1)
LMULT 2425	Oral business communication techniques in English (Part 2)
LTRAD 2001	Translation Studies
LTRAD 2302	Corpus-based translation studies
LTRAD 2303	Phraseology and translation

LTRAD 2306	Research seminar in translation studies : Phraseology and translation
LTRAD 2307	Research seminar in translation studies : Corpus-based translation studies
LTRAD 2320	Research seminar in English translation and interpreting studies
LTRAD 2920	Translation from French into English

Louvain school of Management

LCEMS 2108	International Financial Management for CEMS
LCEMS 2343	Responsible Global Leadership Seminar (CEMS)
LCPME 2005	Social and Sustainable Entrepreneurship
LLSMA 2001	Epistemology of Management (in English)
LLSMA 2002	Research Methods
LLSMA 2005	Reading Seminar
LLSMA 2006	Theories of Organizations in Management
LLSMA 2007	Communication and Writing Skills
LLSMD 2090	Seminar on Relational and Managerial Competences
LLSMF 2011	Knowledge Management (in English)
LLSMF 2013	Data Analytics applied in Business (Names from A to K)
LLSMF 2014	Data Analytics applied in Business (Names from L to Z)
LLSMF 2015	Corporate Strategy in the Knowledge Society (Names from A to K)
LLSMF 2016	Performance Management (Names from A to K)
LLSMF 2018	Technological and Quantitative Project (incl. Project Management)
LLSMF 2025	Corporate Strategy in the Knowledge Society (names L-Z)
LLSMF 2026	Performance Management (Names from L to Z)
LLSMG 2009	Integrated Logistics-Sourcing
LLSMS 2000	Marketing Research
LLSMS 2002	International Marketing
LLSMS 2003	Brand Management (in English)
LLSMS 2004	Big Data/Data Mining Applied to Marketing
LLSMS 2006	On-line and Off-line Communication Strategies
LLSMS 2007	New Business Models and E-commerce
LLSMS 2009	Risk Management of Financial Institutions
LLSMS 2012	Macro Finance
LLSMS 2013	Investments (in English)
LLSMS 2014	Entrepreneurial Finance (in English)
LLSMS 2017	IAS/IFRS
LLSMS 2018	European Corporate Governance (in English)
LLSMS 2021	Managing Brand Equity
LLSMS 2022	Customer Relationship Management(CRM)
LLSMS 2023	Ethical and Sustainable Consumption
LLSMS 2027	Financial Innovation
LLSMS 2029	International financial management
LLSMS 2030	Supply Chain Management (in English)
LLSMS 2031	Tools for Supply Chain Management Decisions (in English)
LLSMS 2032	Advanced Operations Management : Models and Applications (in English)
LLSMS 2033	International Supply Chain Management
LLSMS 2034	Supply Chain Planning (in English)
LLSMS 2035	Supply Chain Coordination and Sourcing (in English)
LLSMS 2036	Supply Chain Procurement
LLSMS 2037	Sourcing Strategy
LLSMS 2038	Procurement Organisation and Scope
LLSMS 2040	Innovation Management (in English)
LLSMS 2041	Economics of Innovation (in English)
LLSMS 2042	Developing Innovative Ventures (in English)
LLSMS 2043	Innovation Policy and Ecosystems
LLSMS 2054	International Finance
LLSMS 2060	European Economic Policy (in English)
LLSMS 2061	Corporate Strategy in Europe
LLSMS 2062	Management of European Companies (Business Cases)
LLSMS 2063	Industrial Relations in Europe (in English)
LLSMS 2064	European Public Affairs (in English)
LLSMS 2065	Cross Cultural Competences and Management (in English)
LLSMS 2066	Cross Cultural Competences and Management for CEMS
LLSMS 2080	International Entrepreneurship (in English)
LLSMS 2081	Strategic Management of Start ups (in English)
LLSMS 2090	Risk Management, Internal Control and Auditing
LLSMS 2098	Corporate Social Responsibility (Names from A to E)
LLSMS 2099	Corporate Social Responsibility (Names from F to N)
LLSMS 2100	Corporate Finance (Names from A to K)
LLSMS 2101	Advanced Cost Management (Names from A to K)
LLSMS 2102	Advanced Strategic Marketing (Names from A to K)
LLSMS 2103	International Strategic Management (Names from A to K)
LLSMS 2104	Advanced Human Resource and Organisation Management (Names from A to K)

LLSMS 2108	International Financial Management (in English)
LLSMS 2109	International Marketing Management (in English)
LLSMS 2110	Advanced Corporate Finance
LLSMS 2111	International Business (in English)
LLSMS 2112	Supply Chain and sourcing
LLSMS 2114	Entrepreneurship (CEMS)
LLSMS 2116	Innovation and Corporate Strategy (CEMS)
LLSMS 2117	Business Project (CEMS)
LLSMS 2118	Project Evaluation
LLSMS 2120	Corporate Finance (Names from L to Z)
LLSMS 2121	Management Accounting (Names from L to Z)
LLSMS 2122	Advanced Strategic Marketing (Names from L to Z)
LLSMS 2123	International Strategic Management (Names L-Z)
LLSMS 2124	Advanced Human Resource and Organisation Management (Names from L to Z)
LLSMS 2128	Central banking, financial regulation, supervision
LLSMS 2138	Big data in finance
LLSMS 2140	International corporate finance
LLSMS 2220	Seminar on Current Managerial Issues
LLSMS 2223	Principles of banking and finance
LLSMS 2224	Forecasting
LLSMS 2225	Derivatives pricing
LLSMS 2226	Credit and interest rate risk
LLSMS 2280	Business Ethics and Compliance Management
LLSMS 2281	Sustainable Management and Value Chains
LLSMS 2282	Finance and Responsible Investment Practices
LLSMS 2283	Sustainable Human Resource Management and Leadership
LLSMS 2284	Corporate Sustainability Reporting and Marketing Strategy
LLSMS 2374	Economics of the Internet (in English)
LLSMS 2398	Corporate Social Responsibility (Names from O to Z)
LLSMX 2001	Regenerative Economy
MINFO 1302	Programming project
MLSMM 2113	Strategic Marketing
MLSMM 2116	Data Analytics
MLSMM 2122	Equity Valuation
MLSMM 2133	Product and Innovation
MLSMM 2153	Web Mining
MLSMM 2154	Machine Learning
MLSMM 2155	Quantitative Decision Making
MLSMM 2214	International Strategic Management
MLSMM 2216	Corporate Strategy in the Knowledge Society
MLSMM 2249	International Standards on Auditing
MLSMM 2252	Supply Chain Management
MQANT 1329	Optimization

Psychology and educational sciences

LPSP 1334	Memory and emotions
LPSYS 2005	Communicating science effectively : oral presentations and writing skills
LPSYS 2143	Quantitative and Qualitative Research Methods
LPSYS 2162	Advanced workshops of analysis methods: Case study research methods
LPSYS 2163	Advanced workshops of analysis methods: Interpretative Phenomenological Analysis
LPSYS 2164	Advanced workshops of analysis methods: Quantitative methods and analyses for single case research
LPSYS 2165	Advanced workshops of analysis methods: Moderation and Mediation
LPSYS 2168	Advanced workshops of analysis methods: Complex dynamic approach to psychological phenomena (including graph theory)
LPSYS 2415	Identity Development Across the Life Span
LPSYS 2417	Learning in the workplace
LPSYS 2738	Psychology of aging
LPSYS 2824	Psychology of sustainable development
LPSYS 2927	Advances in cognitive neuroscience
LPSYS 2928	Clinical neuroscience

SCIENCE AND TECHNOLOGY

Bioscience engineering

LBIR 1381	Principles of Biorefining
LBIRA 2104	Decision Tools and Farm Management
LBIRA 2105	Agricultural and rural policies
LBIRA 2210	Master thesis' accompanying seminar
LBIRC 2108	Biochemical and Microbial Engineering
LBIRC 2210	Master thesis' accompanying seminar
LBIRE 2205	Decision Tools and Project Management
LBIRE 2210	Master thesis' accompanying seminar
LBIRE 2211	Integrated project in information management

LBRAI 2110	Elements of Agroecology
LBRAI 2208	Firms and Markets : Strategic Analysis
LBRAI 2210	Microeconomics of Development
LBRAI 2212	Economics of Rural Development
LBRAI 2213	Evaluation of Agricultural Policies
LBRAI 2218	Special Topics in Agricultural Economics
LBRAI 2102	Physiological and nutritional biochemistry
LBRAI 2104	Food microbiology
LBRAI 2201	Food technology
LBRES 2206	Advanced Hydrology for Engineers
LBRTI 2201	Human and environmental toxicology
LBRTI 2102	Process-based modelling in bioscience engineering

Louvain School of Engineering

LDATA 2010	Information visualisation
LELEC 2103	Project in Electricity 3 : Electronic systems
LELEC 2311	Physics of Electromechanical Converters
LELEC 2313	Dynamic modelling and control of electromechanical converters
LELEC 2520	Electric Power Systems
LELEC 2531	Design and Architecture of digital electronic systems
LELEC 2532	Design and Architecture of analog electronic systems
LELEC 2541	Advanced Transistors
LELEC 2550	Special electronic devices
LELEC 2560	Micro and Nanofabrication Techniques
LELEC 2570	Synthesis of digital integrated circuits
LELEC 2580	Design of RF and microwave communication circuits
LELEC 2590	Seminars in electronics and communications
LELEC 2595	Electric Power Systems Quality
LELEC 2620	Modeling and implementation of analog and mixed analog/digital circuits and systems on chip
LELEC 2650	Synthesis of analog integrated circuits
LELEC 2660	Power electronics
LELEC 2670	Renewable and non conventional sources of electrical energy
LELEC 2700	Microwaves
LELEC 2710	Nanoelectronics
LELEC 2753	Electrical Power Systems: Advanced Topics
LELEC 2760	Secure electronic circuits and systems
LELEC 2770	Privacy Enhancing technology
LELEC 2795	Radiation and communication systems
LELEC 2796	Wireless communications
LELEC 2811	Instrumentation and sensors
LELEC 2870	Machine Learning : regression, dimensionality reduction and data visualization
LELEC 2880	Modem design
LELEC 2885	Image processing and computer vision
LELEC 2895	Design of micro and nanosystems
LELEC 2900	Signal processing
LELEC 2910	Antennas and propagation
LELEC 2920	Communication networks
LELME 2002	Project in mechatronics
LELME 2003	Project in energy
LFSA 2202	Ethics and ICT
LFSA 2212	Innovation classes
LFSA 3010	Principles of Scientific Communication
LFSA 1105	Probability and statistics
LGBIO 2010	Bioinformatics
LGBIO 2020	Bioinstrumentation
LGBIO 2030	Biomaterials
LGBIO 2040	Biomechanics
LGBIO 2050	Medical Imaging
LGBIO 2060	Modelling of biological systems
LGBIO 2070	Engineering challenges in protontherapy
LGBIO 2110	Introduction to Clinical Engineering
LGCIV 1023	Construction stability
LGCIV 2011	Project 1
LGCIV 2012	Project 2
LGCIV 2013	Hydraulic structures, bridges and roads
LGCIV 2014	Building technology
LGCIV 2033	Steel and composite steel-concrete-structures
LGCIV 2041	Numerical analysis of civil engineering structures
LGCIV 2042	Dynamics of structures
LGCIV 2044	Structures under seismic & fire conditions
LGCIV 2051	Applied hydraulics : open-channel flows
LGCIV 2052	Hydropower plants

LGCIV 2054	Numerical simulation of transient flows
LGCIV 2055	Analysis and mitigation of floods
LGCIV 2056	Marine Hydrodynamics
LGCIV 2071	Geotechnics
LGCIV 2072	Geotechnic Design
LGCIV 2073	Hydrogeology and Geoenvironment
LGCIV 2074	Offshore Geotechnics
LGCIV 2076	Geotechnical risks
LGCIV 2077	Soil Testing and Modelling
LINFO 1115	Reasoning about a highly connected world: graph theory, game theory and networks
LINFO 1131	Paradigms of concurrent programming
LINGI 1131	Computer language concepts
LINGI 2132	Languages and translators
LINGI 2142	Computer networks: configuration and management
LINGI 2143	Concurrent systems : models and analysis
LINGI 2144	Secured systems engineering
LINGI 2145	Cloud Computing
LINGI 2146	Mobile and Embedded Computing
LINGI 2172	Databases
LINGI 2241	Architecture and performance of computer systems
LINGI 2251	Software Quality Assurance
LINGI 2252	Software Maintenance and Evolution
LINGI 2255	Software engineering project
LINGI 2261	Artificial intelligence: representation and reasoning
LINGI 2262	Machine Learning :classification and evaluation
LINGI 2263	Computational Linguistics
LINGI 2266	Advanced Algorithms for Optimization
LINGI 2315	Design of Embedded and real-time systems
LINGI 2347	Computer system security
LINGI 2348	Information theory and coding
LINGI 2349	Networking and security seminar
LINGI 2355	Multicore programming
LINGI 2359	Software engineering and programming systems seminar
LINGI 2364	Mining Patterns in Data
LINGI 2365	Constraint programming
LINGI 2369	Artificial intelligence and machine learning seminar
LINGI 2399	Industrial seminar in computer science
LINGI 2401	Open Source strategy for software development
LINGI 2402	Open Source Project
LINMA 1731	Stochastic processes : Estimation and prediction
LINMA 2111	Discrete mathematics II : Algorithms and complexity□
LINMA 2120	Applied mathematics seminar
LINMA 2171	Numerical Analysis : Approximation, Interpolation, Integration
LINMA 2300	Analysis and control of distributed parameter systems
LINMA 2345	Game theory
LINMA 2360	Project in mathematical engineering
LINMA 2361	Nonlinear dynamic systems
LINMA 2370	Modelling and analysis of dynamical systems
LINMA 2380	Matrix computations
LINMA 2415	Quantitative Energy Economics
LINMA 2450	Combinatorial optimization
LINMA 2460	Optimization : Nonlinear programming
LINMA 2470	Stochastic modelling
LINMA 2471	Optimization models and methods II
LINMA 2472	Algorithms in data science
LINMA 2491	Operational Research
LINMA 2510	Mathematical ecology
LINMA 2671	Advanced control and applications□
LINMA 2710	Scientific computing
LINMA 2720	Mathematical modelling of physical systems
LINMA 2875	System Identification
LMAPR 2010	Polymer Materials
LMAPR 2011	Molecules and materials analysis
LMAPR 2012	Macromolecular Nanotechnology
LMAPR 2013	Physical Chemistry for Metals and Ceramics
LMAPR 2014	Physics of Functional Materials
LMAPR 2015	Physics of Nanostructures
LMAPR 2016	Project in Polymer Science
LMAPR 2018	Rheometry and Polymer Processing
LMAPR 2019	Polymer Science and Engineering
LMAPR 2020	Materials Selection
LMAPR 2118	Fluid-fluid separations

LMAPR 2141	Metals Processing and Recycling
LMAPR 2320	Advanced Reactor and Separation Technologies for the Production of Base Chemicals and Polymers
LMAPR 2330	Reactor Design
LMAPR 2380	Solid-fluid separation
LMAPR 2420	High performance metallic materials
LMAPR 2430	Industrial processes for the production of base chemicals
LMAPR 2451	Atomistic and nanoscopic simulations
LMAPR 2471	Transport phenomena in solids and nanostructures
LMAPR 2481	Deformation and fracture of materials
LMAPR 2482	Plasticity and metal forming
LMAPR 2631	Surface Analysis
LMAPR 2642	Crystallographic and microstructural characterisation of materials
LMAPR 2647	Sustainable treatment of industrial and domestic waste: Fundamentals
LMAPR 2648	Sustainable treatment of industrial and domestic waste: Case studies
LMAPR 2672	Sintered materials and surface treatments
LMAPR 2691	Technology of chemical and environmental engineering
LMECA 2141	Rheology
LMECA 2150	Thermal cycles
LMECA 2160	Combustion and fuels
LMECA 2170	Numerical Geometry
LMECA 2195	Gasdynamics and reacting flows
LMECA 2215	Vehicle System Dynamics
LMECA 2220	Internal combustion engines
LMECA 2300	Advanced Numerical Methods
LMECA 2322	Fluid mechanics and transfer II
LMECA 2323	Aerodynamics of external flows
LMECA 2325	Biomass conversion
LMECA 2330	Machine components
LMECA 2335	Biorobotics
LMECA 2355	Mechanical design in biomedical engineering
LMECA 2410	Dynamics of elastic systems
LMECA 2453	Advanced manufacturing technologies
LMECA 2520	Calculation of planar structures
LMECA 2550	Aircraft propulsion systems.
LMECA 2600	Introduction to nuclear engineering and reactor technology
LMECA 2640	Mechanics of composite materials
LMECA 2647	Nuclear reactor theory and experiments.
LMECA 2648	Nuclear thermal-hydraulics.
LMECA 2650	Nuclear and Radiological Risk Governance (Centre d'étude nucléaire-Mol)
LMECA 2660	Numerical methods in fluid mechanics
LMECA 2711	Quality management and control.
LMECA 2732	Introduction to robotics
LMECA 2755	Industrial automation
LMECA 2771	Thermodynamics of irreversible phenomena.
LMECA 2780	Introduction to Turbomachinery
LMECA 2801	Machine design
LMECA 2802	Multibody system Dynamics
LMECA 2830	Aerospace dynamics.
LMECA 2840	Project in Mechanical Design II
LMECA 2853	Turbulence.
LMECA 2860	Welding.
LSINF 1311	Human-computer interaction
LSINF 2335	Programming paradigms
LSINF 2345	Languages and algorithms for distributed Applications
LSINF 2382	Computer supported collaborative work

Science (and Veterinary sciences)

LACTU 2080	Reinsurance
LACTU 2210	Quantitative Risk Management
LACTU 2220	Asset and Liability Management
LACTU 2240	Stochastic Finance in Insurance
LACTU 2250	Risk management in energy markets
LACTU 2260	Enterprise Risk Management
LBOE 1251	Ecology
LBOE 2111	Evolution
LBOE 2124	Molecular ecology
LBOE 2140	Landscape ecology
LBOE 2165	Evolutionary genomics and transcriptomics
LBOE 2185	Evolutionary applications
LCHM 1311	Environmental chemistry
LCHM 2151	Advanced mass spectrometry
LCHM 2152	NMR Complements

LCHM 2231	Chemistry and functionality of inorganic materials
LCHM 2241	Organic synthesis
LCHM 2243	Chemistry of natural products
LCHM 2244	Medicinal chemistry
LCHM 2247	Supramolecular chemistry
LCHM 2251	Structural chemistry by diffraction methods
LCHM 2252	Crystal engineering and crystallization processes
LCHM 2261	Polymer Chemistry and Physico-Chemistry
LCHM 2280	Industrial chemistry
LCHM 2281	Photochemistry
LCHM 2290	Thesis tutorial
LDATS 2310	Data science for insurance and finance
LGEO 2120	Applied geomorphology
LGEO 2130	Fundamentals of geographic and environmental modelling
LGEO 2140	Advanced physical geography
LGEO 2160	Integrated exercise in geography I
LGEO 2185	Advanced geo-processing
LGEO 2240	Tectonic geomorphology
LGEO 2998	Thesis tutorial
LMAT 1231	Multilinear algebra and group theory
LMAT 2140	Algebraic topology
LMAT 2150	Category theory
LMAT 2220	Special topics in category theory
LMAT 2240	Knot theory and low-dimensional topology
LMAT 2450	Cryptography
LMAT 2910	Advanced topics in mathematics 1
LMAT 2920	Advanced topics in mathematics 2
LMAT 2930	Advanced topics in mathematics 3
LMAT 2997	Thesis tutorial
LPHY 2121	Fundamental interactions
LPHY 2122	Quantum field theory II
LPHY 2125	Relativistic quantum mechanics
LPHY 2126	Cosmology
LPHY 2131	Particle Physics (I)
LPHY 2133	Elementary Particle Physics II
LPHY 2135	Computing and numerical methods in particle physics
LPHY 2137	Analog Electronics
LPHY 2140	Photons, atoms and molecules
LPHY 2141	Optics and lasers
LPHY 2144	Molecular physics
LPHY 2153	Introduction to the physics of the climate system and its modeling
LPHY 2160	Internal Geophysics of the Earth and planets
LPHY 2162	Physics of the upper atmosphere and space
LPHY 2171	Mathematical Physics
LPHY 2223	Strong interactions and symmetries
LPHY 2224	Electroweak interactions
LPHY 2234	Neutrino Physics and Astroparticles
LPHY 2236	Ionizing radiation measurement: detectors and Nuclear electronics.
LPHY 2237	Cosmology II
LPHY 2238	Analog and Digital Signal Processing
LPHY 2239	Data acquisition, digital electronics and microelectronics
LPHY 2242	Experimental methods in atomic and molecular physics
LPHY 2243	Quantum optics
LPHY 2245	Lasers and applications
LPHY 2246	Vacuum physics and techniques
LPHY 2252	Supplements in climate system modeling
LPHY 2253	Remote sensing of climate change
LPHY 2372	Experimental methods
LPHY 2504	Seminar of physical climatology and geophysics
LPHY 2998	Thesis tutorial
LPHYS 1241	Quantum Physics 1
LSTAT 2120	Linear models
LSTAT 2130	Introduction to Bayesian statistics
LSTAT 2150	Nonparametric statistics: smoothings methods
LSTAT 2230	Advanced survival models
LSTAT 2380	Statistical consulting
LSTAT 2390	Applied statistics workshops
LSTAT 2400	Statistical inference in semiparametric models
LSTAT 2410	Copulas: models and inference
LSTAT 2420	Non- and semi- parametric econometrics
LSTAT 2430	Nonparametric curve estimation : Fourier-based methods
LSTAT 2440	Special topics in mathematical statistics

Architecture, Architectural Engineering and Urban Planning

LBARC 1228 English II

LBARC 1362 Construction and materials : developements

LTARC 1228 English II

HEALTH SCIENCES**Faculty of Pharmacy and Biomedical Sciences**

WSBIM 2114 Advanced cellular and molecular biology (Part 1)

WSBIM 2115 Protein structure / Function relationships

WSBIM 2138 Innovation and research in nutrition

WSBIM 2151 Experimental approaches in neuroscience

WSBIM 2184 Cellular and molecular pathophysiology of human diseases (Part 1)

WSBIM 2244 Special issues in cancerology

WSBIM 2245 In-session seminar in biomedicine

WSBIM 2253 Advanced issues in cognitive neuroscience

WSBIM 2255 Seminar on neurological and psychiatric disease

WSBIM 2280 Scientific communication workshop

WSBIM 2284 Cellular and molecular pathophysiology of human diseases (Part 2)

WSBIM 2285 In-session seminar in molecular biology

Public health

WESP 2227 Scientific Writing

WFSP 2200 Sociology of health and medicine

WFSP 2201 Advanced methods in public health : seminar

WFSP 2202 Health survey methods

WFSP 2238 Advanced epidemiology

WMPHM 2200 Integration of statistical and epidemiological methods

WMPHM 2201 Epidemiological methods

WMPHM 2202 Clinical epidemiology

WMPHM 2203 Clinical trials and vaccine development studies: phases I to IV, plus survival analysis with Cox regression

WMPHM 2204 Impact of environment on health in developing countries with disease mapping and multilevel analysis methods

WMPHM 2205 Clinimetrics: scales and instrumental variables to measure health outcomes

WMPHM 2206 Applications of epidemiological methods in post conflict and disaster settings