

# Sciences 2017-2018

Themes: Energy, Climate, Sustainability

Life, Evolution, Universe

Health & Well-being

	Information	Maths	Physics	Earth & Environment	Chemistry	Biology	Biomedical	Health	
300	Theme ICC: Games & Learning **	Theme LEU: Astroparticle Physics **			Theme HW: Lifestyle & Disease **				
		Mathematical Logic **	Theme ECS: Case Studies (New Energies, Climate) **				Theme HW: Mechanisms of Disease		
	Discrete Mathematics & Algebra *			Atmospheric Sciences **			Cancer Biology & Treatment *	Moral Dilemmas in Medical Practice *	
		Introduction to Financial Mathematics **	Condensed Matter Physics *	Advanced Geosciences **		Conservation & Restoration Biology *	Clinical Neurosciences **	Human Stress Research *	
	Modelling Real World Problems *	Partial Differential Equations *	Nanoscience **	Introduction to GIS *		Epigenetic Regulations **	Cardiovascular Diseases *	Addiction **	
	Text-Mining & Collective Intelligence *	Mathematical Methods in Physics *		Climate Sciences: Past & Present *	Computational Chemistry & Catalysis **	Infectious Diseases **	Neurosciences *	Medical Anthropology **	
200				<i>Earth Science Field Course</i> **			<i>Cell Biology &amp; Physiology Lab</i> **		
			<i>Physics Lab</i> **	Environmental Archaeology *	<i>Pharmacology</i> **		<i>The Human Body II</i> *		
	<i>Information Lab</i> **	Numerical Mathematics **	<i>Statistical Mechanics</i> *	Risk Management & Natural Hazards	<i>Analytical Chemistry Lab</i> **	<i>Molecular Techniques &amp; Immunology Lab</i> **	Metabolic Biochemistry **	Brain & Cognition **	
	Advanced Programming **	Probability & Statistics **	Thermodynamics *	Hydrology & Watershed Management **	Medicinal Chemistry	Developmental Biology **	Hormones & Homeostasis **	International Public Health **	
	Machine Learning *	Dynamical Systems *	Electrodynamics **	<i>Environmental Chemistry &amp; Toxicology</i> *	Inorganic Chemistry **	Molecular Cell Biology *	Genes, Bioinformatics & Disease **	Nutrition & Health *	
	Data Structure & Algorithms *	Vector Calculus	Quantum Physics *	System Earth *	Organic Chemistry *	Evolution & Origin * of Human Diseases	Immunology *	Epidemiology *	
100		Linear Algebra							
		Statistics for Sciences	Electricity & Magnetism **	Introduction to Environmental Science		Ecology **			
	Programming Your World	Calculus	Introduction to Physics *	Introduction to Geological Sciences **	Introduction to Chemistry **	Introduction to Biology *	The Human Body I	Introduction to Public Health	
	Theme course: Information Communication Cognition *	Theme course: Introduction to Energy Climate Sustainability *							
Theme course: Introduction to Life, Evolution, Universe *									
Theme course: Introduction to Health & Well-being *									
	ACC	SCI	SCI/ACC	SCI/SSC	SCI/HUM				

\* = Offered only in Semester 1

\*\* = Offered only in Semester 2

*Italics* = Offered only in January (\*) and/or June (\*\*)