

Sciences 2018-2019

Themes: Life, Evolution, Universe (LEU) Information, Communication, Cognition (ICC) Energy, Climate, Sustainability (ECS) Health & Well-being (HW)

	Information	Maths	Physics	Earth & Environment	Chemistry	Biology	Biomedical	Health	
300	Theme LEU: Quantum Information & Quantum Communication **			Theme LEU: Human Evolution **			Theme HW: Lifestyle & Disease **		
	Mathematical Logic **		Theme ECS: Case Studies (New Energies, Climate) **				Theme HW: Wicked Challenges in Health		
	Discrete Mathematics & Algebra *		Atmospheric Sciences **					Moral Dilemmas in Medical Practice *	
			Astroparticle Physics **	<i>Urban Environment Lab **</i>			Cancer Biology & Treatment *	Brain & Mind **	
		Introduction to Financial Mathematics **	Condensed Matter Physics *	<i>Geodesign Lab **</i>		Conservation & Restoration Biology *	Clinical Neurosciences **	Human Stress Research *	
	Modelling Real World Problems *	Partial Differential Equations *	Nanoscience **	Advanced Geosciences **		Epigenetic Regulations **	Cardiovascular Diseases *	Addiction **	
	Text-Mining & Collective Intelligence *	Mathematical Methods in Physics *		Climate Sciences: Past & Present *			Infectious Diseases **	Neurosciences *	Medical Anthropology **
200							<i>Cell Biology & Physiology Lab **</i>		
	Philosophical Logic *		<i>Physics Lab **</i>	Environmental Archaeology **	<i>Environmental Chemistry & Toxicology *</i>		<i>The Human Body II *</i>		
	<i>Information Lab **</i>	Numerical Mathematics **	<i>Statistical Mechanics *</i>	<i>Risk Management & Natural Hazards *</i>	<i>Pharmacology **</i>	<i>Molecular Techniques & Immunology Lab **</i>	Metabolic Biochemistry **	Brain & Cognition **	
	Advanced Programming **	Probability & Statistics **	Thermodynamics *	Hydrology & Watershed Management **	<i>Analytical Chemistry Lab **</i>	Developmental Biology **	Hormones & Homeostasis **	International Public Health **	
	Machine Learning *	Dynamical Systems *	Electrodynamics **	<i>Earth Science Field Course **</i>	Medicinal 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		Introduction to GIS*					
		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: Climate and Sustainability *							
		Theme course: Climate and Energy *							
Theme course: Introduction to Life, Evolution, Universe *									
Theme course: Introduction to Health & Well-being *									
	SCI	SCI/SSC	SCI/HUM	SCI/SSC/HUM	ACC				

* = Offered only in Semester 1

** = Offered only in Semester 2

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