Sciences Courses 2026-2027

	Mathematics	Information	Physics	Chemistry	Earth and Environment	Biology	Biomedical	Health	
300		Mind Reading: Neuroimaging Methods **			Climate Sciences Past and Present **	Infectious Diseases **			300
		Text Mining **			*Urban Environment Lab* **	Epigenetic Regulations **	Clinical Neurosciences **	Addiction **	
	Discrete Mathematics and Algebra *		Case studies in Energy, Climate and Sustainability **			*Challenges in Health and Society* *			
	Mathematical Logic *		Nanoscience **	Atmospheric Sciences **		Cancer Biology and Treatment *	Cardiovascular Diseases *	*The Empathic Brain*	
	Partial Differential Equations *	Modelling Real World Problems **	Mathematics of Physics **	Molecular Sustainability **	Advanced Geosciences *	Conservation and Restoration Biology *	Neuroscience *	Human Stress Research *	
	Advanced Research Methods and Statistics **								
200	Econometrics *			*Pharmacology* **					200
	Complexity Lab **			*Making of a Painting* **		*Urban Ecology Lab* **	*Molecular Techniques Lab* **	*Health Lab* **	
	Probability and Statistics **	Maker Lab **		Medicinal Chemistry **	*Field Course in Environmental Earth Sciences* **	*Cell Biology and Physiology Lab* **	Genes, Bioinformatics and Disease **	Brain and Cognition	
	Numerical Mathematics **	Advanced Programming **	*Statistical Mechanics* *	*Chemistry Lab* *	Hydrology and Watershed Management **	Freshwater and Marine Biology **	Metabolic Biochemistry **	Nutrition and Health **	
	Game Theory	Philosophical Logic *	Philosophy of Science *	*Environmental Chemistry/ Eco-Toxicology* *	*Risk Management and Natural Hazards* *	*Evolution and Origin of Human Diseases* *	Hormones and Homeostasis **	Medical Anthropology **	
	Dynamical Systems *	Machine Learning *	Quantum Physics *	Organic Chemistry *	Introduction to Geographic Information Systems *	Game Theory	*Human Body - Anatomy and Physiology II* *	*Gastronomy: the Applied Sciences of Cooking* *	
	Vector Calculus *	Data Structure and Algorithms *	Thermodynamics *		System Earth *	Molecular Cell Biology *	Immunology *	Epidemiology *	
100	Linear Algebra	*Intermediate Programming: Principles and Practise*	Electricity and Magnetism **	Introduction to Chemistry	Introduction to Geological Sciences **	Ecology - from Soil to Society **		*Challenges of Food and Nutrition Security* *	100
	Statistics for Sciences	Artificial Cognition: Pattern Recognition	Introduction to the Energy Transition *		Introduction to Environmental Sciences	Introduction to Biology *	The Human Body – Anatomy and Physiology	Introduction to Public Health	
	Calculus	Programming Your World	Life, Earth and Universe *				*Health, Resilience and Human Flourishing* *		
	Methods in Life and Earth Sciences	Programming in Digital Societies	Introduction to Physics	Introduction to Climate and Sustainability *		Introduction to Health and Wellbeing *			

SCI	SCI/SSC	SCI/HUM	SCI/SSC/HUM	SCI/SSC/ACC	SCI/ACC

This overview has been designed to reflect the course catalogue on coursecatalogue.uva.nl. Although it has been thoroughly checked, it may still contain incorrect or incomplete information. The course catalogue is part of the Academic Standards and Procedures, which is the official source for determining cross-listings, course level and other course characteristics.

** = Offered only in Semester 1*
*** = Offered only in Semester 2*
Italics = Offered only in January (*) and/or June (**) Intensive