Bachelor Informatica & Economie (I&E) - LIACS – Universiteit Leiden - 2024-25

Skills/Research	Programming/Software	Computer Science Core	AI & Data Science	Economie/Business	Mathematics
				Integration Course	

Year 1	Semester 1	Introduction to Programming	Essentials of Computer Systems	Foundations of Computer Science	Studying and Presenting	Calculus 1
					Oriëntatie I&E	Linear Algebra 1
	Semester 2	Algorithms & Data Structures	Databases	Logic	Corporate Finance	Linear Algebra 2
				Probability Theory		Calculus 2

Year 2	Semester 1	Software Development	Technology and Operations Management	Micro-economie	Macro-economie	Statistics
					Business Technology Research	
	Semester 2	Requirements Engineering	Security	Strategy	Business-IT-Alignment	Machine Learning
					Research Methods in CS	

Year 3	Semester 1	Video Game Making	Projectmanagement	Seminar Business Information Systems	Marketing in the 21st Century	Entrepreneurship: Theory and practice
		Human-Computer Interaction	AI for Business	Internet Governance	Data Protection	12 ECTS Electives
	Semester 2	Software Engineering	Data Science	Bachelorproject		AI & Ethics

N.B.: Bold courses are mandatory. Courses marked * are not taught yearly. Scheme above is indicative, non-binding and subject to OER changes.