Courses for the Pre-master's Programme

The Admissions Board may draw up a Premaster's Programme of maximum 42 EC. The Pre-master's Peogramme consists of a selection of the components from the table below. Courses with Dutch names will be taught in Dutch, the other courses will be taught in English.

Format: L: lectures; T: tutorials; CP: computer Practicum; Lit: literature study; As: assignment; Exp: experimental work; PW: Practical work; Proj: Project

Assessment: W: Written exam; O: Oral exam P: Presentation;

Course	Course Code	Studypoints	Period	Format	Assesment	Level
Wiskunde N2	5092WIN26Y	6	1	L, T	W	2nd year
Klassieke mechanica 2	50922KLM3Y	3	2	L, T	W	2nd year
Quantum Concepten	5092QUCO3Y	3	3	L, T	W/O	2nd year
Quantumfysica 2	50922QUA6Y	6	4	L, T	W	2nd year
Elektrodynamica	5092ndLEC6Y	6	4	L, T	W	2nd year
Statistische fysica	5092STFY6Y	6	5	L, T	W	2nd year
Research Practicum	5092REPW3Y	3	3	PW, T	W	2nd year
Astrofysica	5092ASTR6Y	6	1	L, T	W	2nd year
Gecondenseerde materie 1	50921GEM6Y	6	1	L, T	W	2nd year
Biofysica	5092BIOF6Y	6	1	L, T	W	2nd year
Planetary Systems	5092PLSY6Y	6	5	L, T	W	2nd year
Funda-mentals of Photonics	5092PLKE6Y	6	5	L, T	W	2nd year
Inleiding in de elementaire (astro) deeltjesfysia	5092IEDF6Y	6	5	L, T	W	2nd year
Advanced Quantum Physics	5092ADQP6Y	6	1	L, T	W	3rd year

Introduction to Cosmology	5092INTC6Y	6	1	L, T	W	3rd year
Medische Beeld-vorming	50928MEB6Y	6	1	L, T	W	3rd year
Photosynthesis	5092PHOT6Y	6	1	L, T	W	3rd year
Electronics and Signal Processing	5092FECK6Y	6	4	L, T	W	3rd year
Atomic Physics	5092ATOO6Y	6	2	L, T	W	3rd year
Fluids and Soft Matter	5092FLSM6Y	6	2	L, T	W	3rd year
Introductie medische beeldbewerking	50928INM6Y	6	2	L, T	W	3rd year
Mathematical Methods 3	5092WIN36Y	6	2	L, T	W	3rd year
Mechanics and Thermodynamics in the Cell	51128MTI6Y	6	2	L, T	W	3rd year
Artificial Photosynthesis and Solar Fuels	5112APSF6Y	6	2	L, T, Proj	W/O	3rd year
Workshop Physics and Astronomy	5092WOPA6Y	6	3	Proj	W/O	3rd year
Advanced Electrodynamic and Special Relativity	50922ndRT6Y	6	4	L, T	W	3rd year
Black Holes and Compact Stars	5092COST6Y	6	4	L, T	W	3rd year
Condensed Matter 2	50922GEM6Y	6	4	L, T	W	3rd year
Quantum optics and lasers	5092QUOP6Y	6	4	L, T	W	3rd year
Standard Model of Elementary Particles	5092STED6Y	6	4	L, T	W	3rd year
Project systeemmodelleren	VU vakcode X_420544	6	6	Proj	W	3rd year