



Centrum Wiskunde & Informatica

Courses given by CWI researchers (2021-2022)

Course overview 2021/2022	University	CWI Researchers	ECTS
Quantum computing	UvA	Prof. Ronald de Wolf	8
Additive combinatorics	Mastermath	Dr. Jop Briet	8
Interactive virtual environments	TU/e	Prof. Robert van Liere	5
Inverse Problems in Imaging	Mastermath	Dr. Tristan van Leeuwen	6
Laboratory class scientific computing	UU	Adriaan Graas MSc	7,5
Quantum Information Theory	U Leiden	Prof. Serge Fehr Dr. Lisa Kohl, Dr. Nicolas Resch (TA), Aron van Baarsen MSc (TA), Pedro Capitão MSc (TA)	6
Introduction to Cryptography	Mastermath	Prof. Stefan Manegold	8
Advanced Data Management for Data Analysis	U Leiden	Prof. Stefan Manegold	6
Big Data Infrastructures & Technology	UvA	Dr. Hannes Mühleisen	4
Large Scale Data Engineering	VU & UvA	Prof. Peter Boncz	6
Seminar Selected Topics in Multimedia Computing	TU Delft	Prof. Pablo Cesar	5
Meaningful (Linked) Data Interaction	UU	Prof. Lynda Hardman	7,5
Agent-based Energy Markets	TU Delft	Prof. Han La Poutre	3
Multi-Agent Systems	VU	Dr. Eric Pauwels	6
Multi-agent Systems	UU	Dr. Tim Baarslag	7,5
Evolutionary Algorithms	TU Delft	Prof. Peter Bosman	5
Operations Research I	VU	Prof. Leen Stougie	6
Advanced Linear Programming	Mastermath	Prof. Leen Stougie	6

Machine Learning Theory	Mastermath	Dr. Wouter Koolen	8
Foundations of Statistics and Machine Learning	U Leiden	Prof. Peter Grünwald	6
Semidefinite Optimization	Mastermath	Prof. Monique Laurent and Dr. Fernando Oliveira (TUD)	8
Algorithmic Game Theory	UvA	Prof. Guido Schäfer	6
Uncertainty Quantification	UvA	Prof. Daan Crommelin, Dr. Wouter Edeling	6
Stochastic decision theory	TU/e	Prof. B. Zwart	6
Asymptotic Methods in Queueing Theory	LNMB PhD course	Prof. B. Zwart	4
Stochastic Networks	UvA	Prof. R. Núñez Queija	6
Statistics for Forensic Science	UvA	Prof. R. Núñez Queija	5
Mathematics 1 for Chemical Sciences	UvA	Prof. R. Núñez Queija	3
Performance of Networked Systems	VU	Prof. Rob van der Mei	6
Emergency Services Logistics	GP OML BETA PhD course	Prof. Rob van der Mei	4
Software Language Engineering	RUG	Prof. Tijs van der Storm	5