VRIJE UNIVERSITEIT AMSTERDAM — Faculteit der Bètawetenschappen

Compulsory Course | Elective | Examination week*
Constrained Choice (6 ec) | Project | Education free**

Last modified: 02-07-2024

Year Schedule M Computer Science 2024-2025

1) Track Big Data Engineering **OR** 2) Track Computer Systems and Infrastructure** **OR** 3) Computer Science track Foundations of Computing and Concurrency*** **OR** 4) Track Software Engineering & Green IT****

WEEK 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 33

period 1 | period 2 | period 3 | period 4 | period 5 | period 6

Master Project Computer Science
(30 ec) XM_0011

Resits | Resits

1) M CS track BDE Constrained Choice **OR** 2) M CS track CSI Constrained Choice** **OR** 3) M CS track FCC Constrained Choice*** **OR** 4) M CS track SEG Constrained Choice****

M CS Constrained choice BDE core

Web Data Processing System
(6 ec) XM_40020

Data preparation
(6 ec) XMU_0058

Web Services and Cloud-based Systems
(6 ec) XMU_418110

Data Protection Technologies
(6 ec) XMU_0057

Data Mining Techniques
(6 ec) X_400108

X_400108 (continued)

Resits | Resits

M CS Constrained choice FCC core

Algorithmic Game Theory
(6 ec) XMU_0063

Logical Verification
(6 ec) XM_0167

Information Theoretic Learning
(6 ec) XMU_0064

Advanced Algorithms
(6 ec) XMU_0060

Functional Programming
(6 ec) XMU_0062

Advanced Logic
(6 ec) X_405048

Term Rewriting Systems
(6 ec) XM_400121

Geometric Algorithms
(6 ec) XM_0168

Computational Complexity
(6 ec) XM_0061

Distributed Algorithms
(6 ec) X_400211

X_0168 (continued)

XM_0061 (continued)

X_400211 (continued)

Resits | Resits

M CS Constrained choice CSI core

Programming Large-scale Parallel Systems
(6 ec) XM_40017

Advanced Operating Systems
(6 ec) XM_40014

Individual Systems Practical
(6 ec) XM_405088

Distributed Systems
(6 ec) XM_400130

XM_405088 (continued)

Parallel Programming...
(6 ec) XM_400162

XM_405088 (continued)

Multi-core Processor Systems
(6 ec) XMU_0055

XM_405088 (continued)

Accelerator-Centric...
(6 ec) XM_0171

Energy-efficient Edge...
(6 ec) XMU_0056

XM_405088 (continued)

XM_0171 (continued)

XMU_0056 (continued)

XM_405088 (continued)

Resits | Resits

M CS Constrained choice SEG core

Digitalization and Sustainability
(6 ec) XM_0089

Software Asset Management
(6 ec) XM_400412

Green Lab
(6 ec) X_418158

Service Oriented Design
(6 ec) X_405061

Fundamentals of Adaptive Software
(6 ec) XM_0128

Digital Architecture
(6 ec) XM_0127

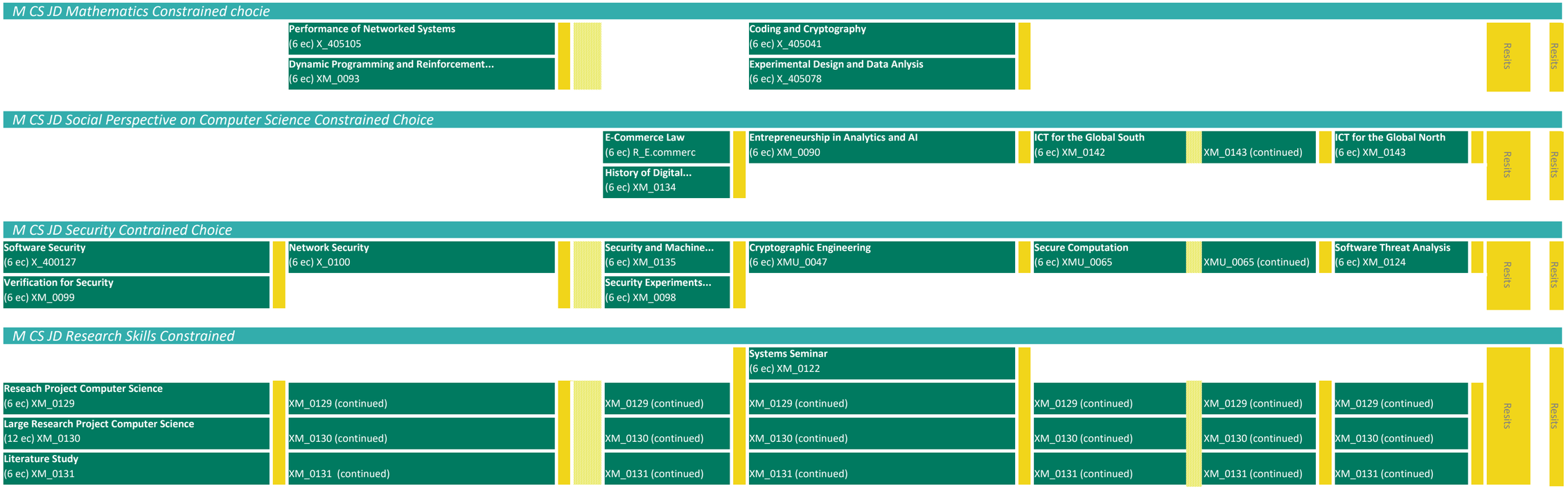
Software Language Engineering
(6 ec) XM_0172

Software Testing
(6 ec) X_400439

X_400439 (continued)

Project Systems Testing
(6 ec) X_405124

Resits | Resits



* Students enrolled in the BDE track must select at least four courses from BDE constrained choice and must select at least one course from all other constrained choice categories
** Students enrolled in the CSI track must select at least four courses from CSI constrained choice and must select at least one course from all other constrained choice categories
*** Students enrolled in the FCC track must select at least four courses from FCC constrained choice and must select at least one course from all other constrained choice categories
**** Students enrolled in the SEG track must select at least four courses from SEG constrained choice and must select at least one course from all other constrained choice categories

(In all tracks:) M CS pre-approved electives

Digitalization and Sustainability (6 ec) XM_0089	**Network Security** (6 ec) X_0100	**E-Commerce Law** (6 ec) R_E.commerc	**Software Language Engineering** (6 ec) XM_0172	**Data Mining Techniques** (6 ec) X_400108	X_400108 (continued)	**Software Threat Analysis** (6 ec) XM_0124	Resits
Verification for Security (6 ec) XM_0099	**Distributed Systems** (6 ec) XM_400130	**History of Digital...** (6 ec) XM_0134	**Entrepreneurship in Analytics and AI** (6 ec) XM_0090	**Accelerator-Centric...** (6 ec) XM_0171	XM_0171 (continued)	**ICT for the Global North** (6 ec) XM_0143	
Software Security (6 ec) X_400127	**The Social Web** (6 ec) X_405086	**Secutity Experiments...** (6 ec) XM_0098	**Cryptographic Engineering** (6 ec) XMU_0047	**Energy-efficient Edge...** (6 ec) XMU_0056	XMU_0056 (continued)	**Project Systems Testing** (6 ec) X_405124	
Programming Large-scale Parallel Systems (6 ec) XM_40017	**Performance of Networked Systems** (6 ec) X_405105	**Security and Machine...** (6 ec) XM_0135	**Multi-core Processor Systems** (6 ec) XMU_0055	**ICT for the Global South** (6 ec) XM_0142	XM_0142 (continued)	**Machine Learning...** (6 ec) XM_40012	
Evalutionary Computing (6 ec) X_400111	**Web Data Processing Systems** (6 ec) XM_40020	**Parallel Programming...** (6 ec) X_400162	**Data Protection Technologies** (6 ec) XMU_0057	**Distributed Algorithms** (6 ec) X_400211	X_400211 (continued)		
Software Asset Management (6 ec) X_400412	**Advanced Algorithms** (6 ec) XMU_0060	**High Performance...** (6 ec) XMU_40013	**Term Rewriting Systems** (6 ec) XM_400121	**Software Testing** (6 ec) X_400439	X_400439 (continued)		
Service Oriented Design (6 ec) X_405061	**Dynamic Programming and Reinforcement Learning** (6 ec) XM_0093	**Data Preparation** (6 ec) XMU_0058	**Coding and Cryptography** (6 ec) X_405041	**Computational Complexity** (6 ec) XMU_0061	XMU_0061 (continued)		
Knowledge Organization (6 ec) X_405065	**Digital Architecture** (6 ec) XM_0127		**Advanced Logic** (6 ec) X_405048	**Secure Computation** (6 ec) XMU_0065	XMU_0065 (continued)		
Introduction to Computational Science (6 ec) XMU_418111	**Fundamentals of Adaptive Software** (6 ec) XM_0128		**Experimental Design and Data Analysis** (6 ec) X_405078	**Geometric Algorithms** (6 ec) XM_0168	XM_0168 (continued)		
Green Lab (6 ec) X_418158	**Information Theoretic Learning** (6 ec) XMU_0064		**Web Services and Cloud-based Systems** (6 ec) XMU_418110				
Advanced Operating Systems (6 ec) XM_40014	**Logical Verification** (6 ec) XM_0167		**Systems Seminar** (6 ec) XM_0122				
Algorithmic Game Theory (6 ec) XMU_0063			**Functional Programming** (6 ec) XMU_0062				
Large Research Project Computer Science (12 ec) XM_0130	XM_0130 (continued)	XM_0130 (continued)	XM_0130 (continued)	XM_0130 (continued)	XM_0130 (continued)	XM_0130 (continued)	
Research Project Computer Science (6 ec) XM_0129	XM_0129 (continued)	XM_0129 (continued)	XM_0129 (continued)	XM_0129 (continued)	XM_0129 (continued)	XM_0129 (continued)	
Literature Study (6 ec) XM_0131	XM_0131 (continued)	XM_0131 (continued)	XM_0131 (continued)	XM_0131 (continued)	XM_0131 (continued)	XM_0131 (continued)	
Individual Systems Practical (6 ec) XM_405088	XM_405088 (continued)	XM_405088 (continued)	XM_405088 (continued)	XM_405088 (continued)	XM_405088 (continued)	XM_405088 (continued)	

* The examination weeks may differ.

For more information about the annual format, click here

For the current timetable information go to rooster.vu.nl

** Education free means that no scheduled teaching or examinations take place on the VU campus. Exceptions may include: fieldwork, internship and research courses

Resits	P1	P2	P3	P4	P5	P6
Information Sciences	wk 2/3	wk 7/8/9	wk 15	wk 23	wk 27	wk 29/33
Natural Sciences and Mathematics	wk 2/3	wk 7/8/9	wk 15	wk 23	wk 27	wk 29/33
Health and Life Sciences	wk 2/3	wk 7/8/9	wk 15	wk 23	wk 27	wk 29/33
Earth, Ecological and Environmental Sciences	wk 2/3	wk 7/8/9	wk 15	wk 23	wk 27	wk 29/33