	Curriculum 2018 - First year (as was implemented in academic year 2018-2019)			
	Quarter 1	**Quarter 2**	**Quarter 3**	**Quarter 4**
B1	NWI-IPC017 Matrix Calculation (3 EC)	NWI-IPC002 Languages and Automata (3 EC)	NWI-IPC024 Databases (3 EC)	NWI-IBC017 Calculus and Probability Theory (3 EC)
	NWI-IPC019 Information Modeling (3 EC)	NWI-IPC006 Processors (3 EC)	NWI-IPC025 Hacking in C (3 EC)	NWI-IPC023 Requirements Engineering (3 EC)
	NWI-IPC020 Mathematical Structures (3 EC)	SOW-BKI125 Introduction AI for Computing Science (3 EC)	NWI-IBC016 Combinatorics (3 EC)	NWI-IPC030 R&D: Project (3 EC)
	NWI-IPC021 Security (6 EC)		NWI-IPI004 Logic and Applications (6 EC)	
	NWI-IPC031 Imperative Programmering (6 EC)		NWI-IPI005 Object Oriented Programming (6 EC)	
	Total: 15 EC	**Total: 15 EC**	**Total: 15 EC**	**Total: 15 EC**

	Curriculum 2018 - Second year (as was implemented in academic year 2019-2020)			
	Quarter 1	**Quarter 2**	**Quarter 3**	**Quarter 4**
B2	NWI-IBC026 Semantics and Correctness (3 EC)	NWI-IBC003 Computability (3 EC)	NWI-I0036 IT and Society (3 EC)	NWI-IBI007 Research Methods (3 EC)
	NWI-IBC019 Operating Systems (3 EC)	NWI-IBC020 Information Systems (3 EC)	NWI-IBC028 Complexity (3 EC)	NWI-IBC042 Parallel Computing (3 EC)
	NWI-IBC027 Algorithms and Datastructures (6 EC)		NWI-IBC021 Networks and Distributed Systems (6 EC)	
	NWI-IBC040 Functional Programming (6 EC)		NWI-IBC041 New Devices Lab (6 EC) (S&DS)	
	NWI-IBI008 Data Mining (6 EC) (S&DS)		NWI-IBC024 Software Verification (3 EC) (S&DS)	NWI-IBC025 Semantics and Rewriting (3 EC) (S&DS)
	NWI-IPC026 Web Security (3 EC) (Cyb)	NWI-IBC034 Operating Systems Security (3 EC) (Cyb)	NWI-IBC038 Privacy and Identity (3 EC) (Cyb)	NWI-IBC022 Network Security (3 EC) (Cyb)
			NWI-IBC023 Introduction to Cryptography (6 EC) (Cyb)	
	Total: 15 EC	**Total: 15 EC**	**Total: 15 EC**	**Total: 15 EC**

	Curriculum 2018 - Third year (as implemented in academic year 2020-2021)			
	Quarter 1	**Quarter 2**	**Quarter 3**	**Quarter 4**
B3	**NWI-IBC035 Academic Writing for Computing Scientists (3 EC)	**NWI-IBC035 Academic Writing for Computing Scientists (3 EC)	NWI-IBI010 Reflection and Vocational Orientation (3 EC)	NWI-IBC037 Law for Computer Scientist (3 EC)
	Free electives (12 EC)		NWI-IBI001 Software Engineering (6 EC)	
	Minor Programme (15 EC)		NWI-IBC033 Bachelor Thesis (12 EC)	
	The autumn semester is the so-called "mobility window", enabling students to take a semester abroad. In that case, you may propose a course from your university of choice which is equivalent to Academic Writing for Computing Scientists (subject to approval of the Examination board).		NWI-IBC036 Big Data (6 EC) (S&SD)	
			NWI-IBC039 Organizing Cyber Security (6 EC) (Cyb)	
	Total: 30 EC in the first semester		**Total: 15 EC**	**Total: 15 EC**

S&DS = Software and Data Science | Cyb = Cyber Security

**Due to incidental circumstances, NWI-IBC003 Computability and NWI-IBC025 Semantics and Correctedness have swapped quarter in 2019-2020*

*** It is currently foreseen that this course will be offered in Q1 as well as Q2, where students can choose one of these options.*