

Curriculum B-AM for cohort 2022 and later

First year

Course code	Name	EC	Coordinator
<i>202200140</i>	<i>Structures and Models</i>		dr. Meinsma
202200141	Linear Structures 1	5	
202200142	Modelling and Programming 1	5	
202200143	Analysis 1	5	
<i>202200235</i>	<i>Structures and Systems</i>		dr. De Jong
202200236	Linear Structures 2	4	
202400660	Analysis 2	6	
202200238	Systems Theory	5	
<i>202001342</i>	<i>Signals and Uncertainty</i>		dr. Meinsma
202001343	Signals and Transforms	5	
202001344	Probability Theory for AM	5	
202200239	Modelling and Programming 2	5	
<i>202200240</i>	<i>Numerical Math & Differential Equations</i>		dr. Schlottbom
202200241	Numerical Mathematics	5	
202200242	Differential Equations	5	
202200243	Modelling and Programming 3	5	

Second year

Course code	Name	EC	Coordinator
<i>202300015</i>	<i>Statistics and Analysis</i>		prof. Schmidt-Hieber
202300016	Mathematical Statistics 1	7	
202300017	Analysis 3	5	
202300018	Reflection 1	3	
<i>202300025</i>	<i>Statistics and Optimisation</i>		dr. Timmer
202300026	Mathematical Statistics 2	5	
202300027	Linear Optimisation	5	
202300028	Nonlinear Optimisation and Learning	5	
<i>202001359</i>	<i>Discr. Structures & Efficient Algorithms</i>		prof. Uetz
202001360	Algorithmic Discrete Mathematics	5	
202001361	Languages & Machines	3.5	
202001361	Algebra	3.5	
202001362	Implementation Project on Graph Isomorphism	3	
<i>202200335</i>	<i>Mod. & Analysis of Stochastic Processes</i>		dr. Scheinhardt
202200336	Markov Chains	4	
202200337	Stochastic Models	4	
202200338	Stochastic Simulation	4	
202200339	Project	3	

Third year

	Name	EC	
	<i>Modules 9 and 10</i> minor profile ^a	30	
	<i>Module 11</i>		dr. Timmer
202499631	Graph Theory	4	
202499632	Introduction to PDE	4	
202499633	Reflection 2 ^b	3	
t.b.a.	Master Orientation Elective	4	
	<i>Module 12</i>		dr. Timmer
201500405	Complex Function Theory	3	
202400348	Reflection 3 ^c	2	
202001379	Bachelor's Assignment ^c	10	

^aSequence requirement 1: students may only start participating in (part of) these study units once they have gained at least 75 EC.

^bSequence requirement 2: students may only participate in this study unit once they have passed all the study units of the first two years.

^cSequence requirement 3: students may only participate in these study units once they have passed the study unit *Reflection 2*.