Bachelor programme Applied Mathematics 2024-2025

EC	1st quarter	2nd quarter	3rd quarter	4th quarter
	1st Year of Study			
0	TW1-01 Mentoraat			
1 2 3 4 5	TW1-11 Problems & Proofs	TW1-21 Modelling 1	TW1-31 Discrete mathematics	TW1-41 Modelling 2
6 7 8 9 10	TW1-13 Programming	TW1-22 Analysis 1	TW1-32 Analysis 2	TW1-42 Ordinary Differential Equations
11 12 13 14 15	TW1-12 Calculus	TW1-23 Linear Algebra 1	TW1-33 Linear Algebra 2	TW1-43 Introduction to Probability

EC	2nd Year of Study			
1 2 3	AM2090 Real Analysis		AM2050-A Modelling 2A	AM2050-B Modelling 2B
4 5 6 7 8 9	AM2010 Linear Algebra 2	AM2020 Optimization	AM2060 Numerical Methods 1 AM2070 Partial Differential Equations	
10 11 12 13 14 15	AM2080 Introduction to Statistics	AM2030 Ordinary Differential Equations	Elective**	AM2040 Complex Function Theory

EC	3rd Year of Study		
1 2 3		AM3010 Bachelor colloquium 3EC*	
4 5 6 7 8 9	Minor (minors.tudelft.nl)	Elective**	AM3001* Bachelor Project 15EC
10 11 12 13 14 15	Going abroad? Start preparations at the start of your 2nd year.	Elective**	

15EC

*Entry requirements

AM3001 Bachelor Project en AM3010 Bachelor colloquium: first year of study must be completed + at least 40 EC of the major part of 2nd and 3rd year of study

**Electives

At least one elective of the three electives in de 2nd and 3rd year of study needs to have a TW35 course code. Take into account the expected prior knowledge of the chosen electives. The electives are:

AM2510 Decision Theory
AM2520-H History of Mathematics*
AM2550 Advanced Statistics
AM2560 Applied Algebra: Codes and Cryptosystems
AM2570 Markov Processes
AM2580 Mathematical Models in Biology
AM3530 Numerical Methods 2
AM3540 Inverse Problems
AM3550 Graph Theory
AM3560 Advanced Probability
AM3580 Differential Geometry
*AM2520-P Philosophy of Mathematics (S1)**
AM3500 Mathematics Seminar (S1)
AM3510 Mathematical Physical Methods (S1)
AM3570 Fourier Analysis (S1)
AM3590 Topology (S1)

It is possible to submit a request to the Board of Examiners to take another elective.

*Either AM2520-P or AM2520-H

Legend

Modelling and Applications	Numerical Methods and Differential Equations	Optimization and Discrete Mathematics
Analysis	Stochastics	Electives
Minor	Basic fundamentals	

Find up-to-date information on https://www.tudelft.nl/en/student/faculties/eemcs-student-portal/education/

Academic Year 2024-2025

1st semester

Week no.	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5
Week type	**C**	**C**	**C**	**C**	**CT**	**C**	**C**	**CW**	**CWT**	**T**	**C**	**C**	**C**	**C**	**CT**	**C**	**V**	**V**	**C**	**CW**	**CWT**	**T**
Teaching week	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	2.1	2.2	2.3	2.4	2.5	2.6	Winter break		2.7	2.8	2.9	2.10
Monday	2	9	16	23	30	7	14	21	28	4	11	18	25	2	9	16	23	30	6	13	20	27
Tuesday	3	10	17	24	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28
Wednesday	4	19	18	25	2	9	16	23	30	6	13	20	27	4	11	18	25	1	8	15	22	29
Thursday	5	12	19	26	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30
Friday	6	13	20	27	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	31
Saturday	7	14	21	28	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11	18	25	1
Sunday	8	15	22	29	6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	2
	September				October				November				December					January				February

2nd semester

Week no.	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Week type	**V**	**C**	**C**	**C**	**C**	**CT**	**C**	**C**	**CW**	**CWT**	**T**	**C**	**C**	**C**	**C**	**CT**	**C**	**C**	**CW**	**CWT**	**T**
Teaching week	V	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.10	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.10
Monday	3	10	17	24	3	10	17	24	31	7	14	ster Mond	28	peration D	12	19	26	2	hit Monda	16	23
Tuesday	4	11	18	25	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24
Wednesday	5	12	19	26	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11	18	25
Thursday	6	13	20	27	6	13	20	27	3	10	17	24	1	8	15	22	cention D	5	12	19	26
Friday	7	14	21	28	7	14	21	28	4	11	ood Frida	25	2	9	16	23	30	6	13	20	27
Saturday	8	15	22	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28
Sunday	9	16	23	2	9	16	23	30	6	13	20	27	4	11	18	25	1	8	15	22	29
	February			March				April				May			June						

SUMMER PERIOD 2025

Week no.	27	28	29	30	31	32	33	34	35
Week type	**V**	**V**	**TH**	**V**	**V**	**V**	**V**	**V**	**V**
Teaching week	5,1	5,2	5,3	5,4	5,5	5,6	5,7	5,8	5,9
Monday	30	7	14	21	28	4	11	18	25
Tuesday	1	8	15	22	29	5	12	19	26
Wednesday	2	9	16	23	30	6	13	20	27
Thursday	3	10	17	24	31	7	14	21	28
Friday	4	11	18	25	1	8	15	22	29
Saturday	5	12	19	26	2	9	16	23	30
Sunday	6	13	20	27	3	10	17	24	31
	July				August				

C =	Regular teaching activities
CT =	Regular teaching activities or examinations
CW =	Regular teaching or no teaching
CWT =	Regular teaching activites or examanisation/resits or no teaching
T =	Examinations or resits
V =	No teaching, vacation or public holiday

No regular exams in the summer period.
Week 5.3:only for resits, no regular teaching.