



# Official Transcript of Records

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**Name**

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**Personal identity number**

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## Completed courses

Code	Name	Scope	Grade	Date	Note
<b>1MA004</b>	<b>Algebra I</b> <i>Level: First cycle</i> <i>Grading table: 5 - 36.8% (653), 4 - 27.7% (492), 3 - 35.4% (628)</i>	5.0 hp	3	2018-01-08	1
4000	Examination	( 5.0 hp )	3	2018-01-08	1
<b>1DT051</b>	<b>Information Technology</b> <i>Level: First cycle</i> <i>Grading table: G - 100.0% (988)</i>	10.0 hp	G	2018-02-04	2
0009	Problem-Solving and Programming	( 4.0 hp )	G	2017-09-28	2
0011	Information and Communication Technology	( 2.0 hp )	G	2017-10-16	2
0005	Introduction to Computers	( 2.0 hp )	G	2017-11-23	2
0006	Professional Skills	( 2.0 hp )	G	2018-02-04	2
<b>1MA010</b>	<b>Basic Course in Mathematics</b> <i>Level: First cycle</i> <i>Grading table: 5 - 43.6% (2320), 4 - 27.6% (1472), 3 - 28.8% (1534)</i>	5.0 hp	3	2018-12-20	1
1000	Examination	( 5.0 hp )	3	2018-12-20	1
<b>1DT003</b>	<b>Computer Systems with Project Work</b> <i>Level: First cycle</i>	20.0 hp	3	2019-06-11	1
1000	Exam	( 3.0 hp )	3	2019-04-05	1
3000	Project	( 8.0 hp )	G	2019-06-07	2
2000	Assignments and Labs	( 9.0 hp )	G	2019-06-11	2
<b>1DL201</b>	<b>Program Design and Data Structures</b> <i>Level: First cycle</i> <i>Grading table: 5 - 28.2% (244), 4 - 63.4% (548), 3 - 8.4% (73)</i>	20.0 hp	4	2020-01-16	1
1000	Written examination 1	( 4.0 hp )	4	2018-01-11	1
4000	Practical work 2	( 3.0 hp )	4	2018-02-21	1
3000	Written examination 2	( 3.0 hp )	3	2018-03-15	1
5000	Project	( 4.0 hp )	5	2018-03-22	1
2000	Practical work 1	( 6.0 hp )	5	2020-01-16	1

Code	Name	Scope	Grade	Date	Note
<b>1MA025</b>	<b>Linear Algebra and Geometry I</b> <i>Level: First cycle</i> <i>Grading table: 5 - 33.3% (1751), 4 - 31.0% (1634), 3 - 35.7% (1880)</i>	5.0 hp	3	2020-03-19	1
4000	Examination	( 5.0 hp )	3	2020-03-19	1
<b>1MA013</b>	<b>Single Variable Calculus</b> <i>Level: First cycle</i> <i>Grading table: 5 - 27.7% (1718), 4 - 32.0% (1981), 3 - 40.3% (2498)</i>	10.0 hp	4	2020-03-22	1
9999	Assignments	( 2.0 hp )	G	2020-01-09	2
8888	Examination	( 8.0 hp )	4	2020-03-22	1
<b>1TE743</b>	<b>Industrial Management</b> <i>Level: First cycle</i> <i>Grading table: 5 - 23.8% (259), 4 - 51.6% (560), 3 - 24.6% (267)</i>	5.0 hp	3	2020-04-02	1
1000	Examination	( 5.0 hp )	3	2020-04-02	1
<b>1DL301</b>	<b>Database Design I</b> <i>Level: First cycle</i> <i>Grading table: 5 - 30.0% (356), 4 - 36.4% (432), 3 - 33.7% (400)</i>	5.0 hp	3	2020-04-06	1
0200	Assignments	( 2.0 hp )	G	2020-01-15	2
0100	Written examination	( 3.0 hp )	3	2020-04-06	1
<b>1MS321</b>	<b>Probability and Statistics DV</b> <i>Level: First cycle</i> <i>Grading table: 5 - 22.1% (82), 4 - 32.6% (121), 3 - 45.3% (168)</i>	5.0 hp	3	2020-04-09	1
1000	Written examination	( 5.0 hp )	3	2020-04-09	1
<b>1DT093</b>	<b>Computer Architecture</b> <i>Level: First cycle</i> <i>Grading table: 5 - 35.4% (217), 4 - 31.5% (193), 3 - 33.1% (203)</i>	10.0 hp	3	2020-06-03	1
2000	Oral presentation/Participation	( 2.0 hp )	G	2018-05-21	2
1000	Exam	( 5.0 hp )	3	2020-04-06	1
3000	Assembly labs	( 3.0 hp )	G	2020-06-03	2
<b>1MA024</b>	<b>Linear Algebra II</b> <i>Level: First cycle</i> <i>Grading table: 5 - 29.2% (1375), 4 - 28.2% (1329), 3 - 42.6% (2010)</i>	5.0 hp	3	2020-06-15	1
1000	Examination	( 5.0 hp )	3	2020-06-15	1
<b>1RT485</b>	<b>Introduction to Computer Control Systems</b> <i>Level: First cycle</i> <i>Grading table: 5 - 11.3% (33), 4 - 29.8% (87), 3 - 58.9% (172)</i>	5.0 hp	4	2020-08-19	1
1500	Laboratory work	( 1.0 hp )	G	2020-03-03	2
1000	Written examination	( 4.0 hp )	4	2020-08-19	1
<b>1MD034</b>	<b>System Design with a User Perspective</b> <i>Level: First cycle</i> <i>Grading table: 5 - 17.9% (51), 4 - 30.2% (86), 3 - 51.9% (148)</i>	5.0 hp	3	2020-08-20	1
0200	Written assignments and oral presentation of project work	( 3.0 hp )	G	2019-03-21	2
0100	Written examination	( 2.0 hp )	3	2020-08-20	1

Code	Name	Scope	Grade	Date	Note
<b>1TD403</b>	<b>Numerical Methods and Simulation</b> <i>Level: First cycle</i> <i>Grading table: 5 - 16.0% (39), 4 - 24.7% (60), 3 - 59.3% (144)</i>	5.0 hp	5	2020-08-28	1
0200	Assignments and project	( 3.0 hp )	G	2019-10-11	2
0100	Written exam	( 2.0 hp )	5	2020-08-28	1
<b>1DL251</b>	<b>Software Engineering and Project Management</b> <i>Level: Second cycle</i> <i>Grading table: 5 - 65.6% (284), 4 - 28.2% (122), 3 - 6.2% (27)</i>	5.0 hp	5	2020-10-25	1
0100	Written Examination	( 2.0 hp )	G	2020-10-21	2
0200	Project Assignments	( 3.0 hp )	5	2020-10-25	1
<b>1TE717</b>	<b>Digital Technology and Electronics</b> <i>Level: First cycle</i> <i>Grading table: 5 - 12.3% (34), 4 - 23.8% (66), 3 - 63.9% (177)</i>	10.0 hp	3	2020-12-17	1
3000	Project work	( 4.0 hp )	G	2020-10-25	2
2000	Laboratory work	( 2.0 hp )	G	2020-10-25	2
1000	Examination	( 4.0 hp )	3	2020-12-17	1
<b>1MD200</b>	<b>Requirements in Agile Development</b> <i>Level: Second cycle</i> <i>Grading table: 5 - 7.8% (17), 4 - 14.3% (31), 3 - 77.9% (169)</i>	5.0 hp	3	2021-03-31	1
0200	Group project	( 2.5 hp )	G	2021-03-22	2
0100	Assignments	( 2.5 hp )	G	2021-03-31	2
<b>1DL620</b>	<b>Platform-Spanning Systems</b> <i>Level: Second cycle</i> <i>Grading table: 5 - 17.6% (28), 4 - 12.6% (20), 3 - 69.8% (111)</i>	5.0 hp	3	2021-04-14	1
1000	Project	( 5.0 hp )	G	2021-04-14	2
<b>1DL231</b>	<b>Algorithms and Data Structures II</b> <i>Level: First cycle</i> <i>Grading table: 5 - 41.8% (240), 4 - 46.3% (266), 3 - 11.8% (68)</i>	5.0 hp	5	2021-06-08	1
0200	Assignments	( 2.0 hp )	3	2021-01-15	1
0100	Written examination	( 3.0 hp )	5	2021-06-08	1
<b>1DL610</b>	<b>Software Testing</b> <i>Level: Second cycle</i> <i>Grading table: 5 - 39.0% (122), 4 - 42.8% (134), 3 - 18.2% (57)</i>	5.0 hp	5	2021-06-11	1
0200	Assignments	( 2.0 hp )	G	2021-02-02	2
0100	Written Examination	( 3.0 hp )	5	2021-06-11	1
<b>1DT350</b>	<b>Independent Project in Information Engineering</b> <i>Level: First cycle</i> <i>Grading table: G - 100.0% (400)</i>	15.0 hp	G	2021-06-13	2
0401	Making opposition	( 1.0 hp )	G	2021-05-27	2
0200	Presentation	( 2.0 hp )	G	2021-05-28	2
0600	Project	( 5.0 hp )	G	2021-06-02	2
0301	Popular scientific presentation	( 1.0 hp )	G	2021-06-04	2
0201	Report	( 6.0 hp )	G	2021-06-13	2
<b>1TE746</b>	<b>Signals and Transforms</b> <i>Level: First cycle</i>	10.0 hp	3	2021-06-14	1

Code	Name	Scope	Grade	Date	Note
1200	Assignments	( 2.0 hp )	G	2021-01-22	2
1100	Project	( 2.0 hp )	G	2021-01-26	2
1000	Exam	( 6.0 hp )	3	2021-06-14	1
<b>1DL630</b>	<b>Complex IT Systems in Large Organisations</b>	5.0 hp	3	2021-08-20	1
	<i>Level: Second cycle</i>				
	<i>Grading table: 5 - 22.6% (35), 4 - 7.1% (11), 3 - 70.3% (109)</i>				
0100	Project	( 2.0 hp )	G	2021-06-04	2
0200	Assignments	( 3.0 hp )	3	2021-08-20	1
<b>1DL601</b>	<b>Maintenance Programming</b>	5.0 hp	4	2021-11-03	1
	<i>Level: Second cycle</i>				
	<i>Grading table: 5 - 14.9% (17), 4 - 77.2% (88), 3 - 7.9% (9)</i>				
2000	Take-home-exam	( 2.0 hp )	3	2021-10-15	1
1000	Project	( 3.0 hp )	4	2021-11-03	1
<b>1DL650</b>	<b>Software Engineering Project</b>	15.0 hp	G	2022-01-16	2
	<i>Level: Second cycle</i>				
	<i>Grading table: G - 100.0% (99)</i>				
1000	Project	( 15.0 hp )	G	2022-01-16	2
<b>1DL242</b>	<b>Advanced Software Design</b>	5.0 hp	4	2023-01-18	1
	<i>Level: Second cycle</i>				
	<i>Grading table: 5 - 13.3% (54), 4 - 24.8% (101), 3 - 61.9% (252)</i>				
1000	Project Assignments	( 5.0 hp )	4	2023-01-18	1
<b>1DL034</b>	<b>Introduction to Machine Learning</b>	5.0 hp	3	2023-03-10	1
	<i>Level: First cycle</i>				
	<i>Grading table: 5 - 27.2% (63), 4 - 23.7% (55), 3 - 49.1% (114)</i>				
0100	Written examination	( 3.0 hp )	3	2020-03-20	1
0200	Assignments	( 2.0 hp )	G	2023-03-10	2
<b>1MD001</b>	<b>Advanced Interaction Design</b>	5.0 hp	4	2023-03-17	1
	<i>Level: Second cycle</i>				
	<i>Grading table: 5 - 31.4% (194), 4 - 40.8% (252), 3 - 27.8% (172)</i>				
0200	Assignments	( 2.0 hp )	G	2023-03-17	2
0100	Examination	( 3.0 hp )	4	2023-03-17	1
<b>1MD004</b>	<b>IT, Ethics and Organisation</b>	5.0 hp	4	2023-03-24	1
	<i>Level: Second cycle</i>				
	<i>Grading table: 5 - 30.3% (172), 4 - 47.1% (267), 3 - 22.6% (128)</i>				
0200	Assignments	( 2.0 hp )	G	2023-03-24	2
0100	Written Examination	( 3.0 hp )	4	2023-03-24	1
<b>1MD003</b>	<b>User Interface Programming II</b>	5.0 hp	5	2023-06-09	1
	<i>Level: Second cycle</i>				
	<i>Grading table: 5 - 78.9% (472), 4 - 18.1% (108), 3 - 3.0% (18)</i>				
0100	Assignments	( 5.0 hp )	5	2023-06-09	1

## Parts of uncompleted courses

Code	Name	Scope	Grade	Date	Note
<b>1DL221</b>	<b>Imperative and Object-Oriented Programming Methodology</b> <i>Level: First cycle</i>	(20.0 hp)			
6000	Programming Test I	2.5 hp	G	2021-10-14	2
4000	Project	5.0 hp	G	2023-02-17	2
<b>1DL530</b>	<b>Introduction to Parallel Programming</b> <i>Level: Second cycle</i>	(5.0 hp)			
0200	Assignments	2.0 hp	G	2023-02-04	2
<b>1DL073</b>	<b>Natural Computation Methods for Machine Learning</b> <i>Level: Second cycle</i>	(10.0 hp)			
0200	Assignments	3.0 hp	G	2022-06-01	2
0300	Project	3.0 hp	3	2022-06-01	1
<b>1TD069</b>	<b>Data Engineering I</b> <i>Level: Second cycle</i>	(7.5 hp)			
0300	Seminar	1.0 hp	G	2021-04-28	2

## Summation

Total	included credited parts	Credited education
246.5 hp		

## Notes and information

60 credits (hp) represent a full academic year. The system is compatible with ECTS credits (the European Credit Transfer System) as one credit is equal to one ECTS credit.

A grading table is shown for courses where the same grading scale has been used during at least two years. The distribution of students for each grade is shown in percentage. The actual number of students is shown within the parenthesis.

- 1 Grading scale: Pass with distinction (5), Pass with credit (4), Pass (3), Fail (U)
- 2 Grading scale: Pass (G), Fail (U)

The above is an excerpt from the student registry.