

# Official Transcript of Records

**Print date**  
2024-11-23

## Name

Edvin Bengtsson

## Personal identity number

20031030-2450

## Completed courses

Name	Scope	Grade	Date	Note
<b>Introduction to discrete mathematics</b>	7.5 hp	4	2022-10-22	1
Examination	( 7.5 hp )	4	2022-10-22	1
<b>Introduction to functional programming</b>	7.5 hp	3	2022-10-28	1
<i>Grading table: 5 - 25.3% (446), 4 - 24.5% (431), 3 - 50.2% (885)</i>				
Examination	( 4.5 hp )	3	2022-10-26	1
Laboratory	( 3.0 hp )	G	2022-10-28	2
<b>Introduction to computer engineering</b>	7.5 hp	4	2023-01-14	1
<i>Grading table: 5 - 15.8% (182), 4 - 27.3% (314), 3 - 56.9% (655)</i>				
Laboratory	( 3.0 hp )	G	2022-12-21	2
Examination	( 4.5 hp )	4	2023-01-14	1
<b>Introduction to object oriented programming</b>	7.5 hp	4	2023-01-15	1
Examination	( 4.5 hp )	4	2023-01-11	1
Laboratory	( 3.0 hp )	G	2023-01-15	2
<b>Machine oriented programming</b>	7.5 hp	5	2023-03-13	1
<i>Grading table: 5 - 29.8% (190), 4 - 30.6% (195), 3 - 39.6% (252)</i>				
Laboratory	( 3.0 hp )	G	2023-03-12	2
Examination	( 4.5 hp )	5	2023-03-13	1
<b>Linear algebra</b>	7.5 hp	4	2023-03-18	1
<i>Grading table: 5 - 16.5% (157), 4 - 34.7% (330), 3 - 48.8% (465)</i>				
Examination	( 6.0 hp )	4	2023-03-18	1
Laboratory	( 1.5 hp )	G	2023-03-18	2
<b>Computer communication</b>	7.5 hp	5	2023-05-30	1
<i>Grading table: 5 - 28.5% (492), 4 - 30.6% (527), 3 - 40.9% (705)</i>				
Examination	( 5.5 hp )	5	2023-05-30	1
Laboratory	( 2.0 hp )	G	2023-05-30	2
<b>Calculus</b>	7.5 hp	4	2023-06-02	1
<i>Grading table: 5 - 17.9% (270), 4 - 28.6% (433), 3 - 53.5% (809)</i>				
Examination	( 7.5 hp )	4	2023-06-02	1
<b>Mathematical statistics and discrete mathematics</b>	7.5 hp	4	2023-10-27	1
<i>Grading table: 5 - 18.0% (272), 4 - 33.0% (499), 3 - 49.0% (742)</i>				

Name	Scope	Grade	Date	Note
Examination	( 6.0 hp )	4	2023-10-24	1
Written and oral assignments	( 1.5 hp )	G	2023-10-27	2
<b>Computer science and engineering project</b>	7.5 hp	5	2023-10-30	1
<i>Grading table: 5 - 23.7% (241), 4 - 44.9% (457), 3 - 31.4% (319)</i>				
Project	( 7.5 hp )	5	2023-10-30	1
<b>Data structures and algorithms</b>	7.5 hp	3	2024-01-12	1
<i>Grading table: 5 - 24.9% (195), 4 - 30.2% (237), 3 - 44.9% (352)</i>				
Examination	( 4.5 hp )	3	2024-01-11	1
Laboratory	( 3.0 hp )	G	2024-01-12	2
<b>Physics for engineers</b>	7.5 hp	5	2024-01-22	1
<i>Grading table: 5 - 22.3% (357), 4 - 24.0% (384), 3 - 53.7% (860)</i>				
Examination	( 6.0 hp )	5	2024-01-08	1
Laboratory	( 1.5 hp )	G	2024-01-22	2
<b>Digital design</b>	7.5 hp	4	2024-03-15	1
<i>Grading table: 5 - 13.0% (149), 4 - 39.1% (446), 3 - 47.9% (547)</i>				
Examination	( 4.5 hp )	4	2024-03-13	1
Laboratory	( 3.0 hp )	G	2024-03-15	2
<b>Principles of Concurrent Programming</b>	7.5 hp	4	2024-03-20	1
<i>Grading table: 5 - 24.4% (230), 4 - 49.8% (470), 3 - 25.8% (243)</i>				
Examination	( 4.5 hp )	4	2024-03-11	1
Laboratory	( 3.0 hp )	G	2024-03-20	2
<b>Computer system engineering</b>	7.5 hp	5	2024-05-30	1
<i>Grading table: 5 - 47.2% (236), 4 - 36.4% (182), 3 - 16.4% (82)</i>				
Laboratory	( 3.0 hp )	4	2024-05-20	1
Examination	( 4.5 hp )	4	2024-05-30	1
<b>Electrical circuits and fields</b>	7.5 hp	4	2024-06-10	1
<i>Grading table: 5 - 15.7% (216), 4 - 30.0% (412), 3 - 54.2% (744)</i>				
Examination	( 6.0 hp )	4	2024-05-28	1
Laboratory	( 1.5 hp )	G	2024-06-10	2
<b>Transforms, signals and systems</b>	7.5 hp	5	2024-10-28	1
<i>Grading table: 5 - 55.8% (208), 4 - 31.9% (119), 3 - 12.3% (46)</i>				
Laboratory	( 2.5 hp )	G	2024-10-21	2
Examination	( 5.0 hp )	5	2024-10-28	1
<b>Mathematical analysis in several variables</b>	7.5 hp	5	2024-10-31	1
<i>Grading table: 5 - 28.2% (740), 4 - 34.6% (909), 3 - 37.2% (977)</i>				
Examination	( 7.5 hp )	5	2024-10-31	1

## Summation

Total	included credited parts	Credited education
135.0 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.