



LUND UNIVERSITY  
Faculty of Science

Centre for Mathematical Sciences  
Division of Mathematics and Numerical Analysis

## Course Analysis for MATB25, Spring 2022

### Course Information

**Lecturer:** Anna Torstensson

**Teaching assistants:** Henrik Ekström

**Number of students:**

15 newly registered and 6 re-registered.

7 students answered the course evaluation, xx of them are enrolled on programme name.

### Examination

**Project:** 17 students passed.

**Oral examination:** 9 students passed.

**Written examination:** 9 students passed.

- Ordinary examination 31/05 2022; 13 students participated and 10 of them passed.

- Resit examination 17/08 2022: 4 students participated and 1 of them passed.

**Final grades:**

In all, 11 students, including 1 re-registered students, have got their final grade.

4 passed with distinction.

7 passed.

### Course Evaluation

**Summary of student's answers:**

The students that answered were in general happy with the course overall, even though there were some suggestions for smaller adjustments. One may suspect, however, that it was the most satisfied and active students that answered as they participated more in lectures than the average student. Note that the evaluation included also students from the Faculty of Engineering taking the course together with the students from Faculty of Science.

**Teachers' comments:**

This term the teaching had a flipped classroom design. There was one 2-hour lecture in the beginning of each week introducing that week's topics and bringing up difficult concepts and methods from the previous week. More elaborate lectures containing a detailed exposition of both theory and problem solving were provided as films in Canvas. Each week there were two units with accompanying videos and guides for working with videos, the textbook and exercise problems. The students were expected to work on the units at home, and then bring questions to the exercises classes that were offered twice a week. In the exercise classes the students were encouraged to work in small groups. Just a few students choose to come to the exercise classes, but those who did seemed to benefit from it. Most students choose to work on their own, or with a few other students, with the Canvas material and only turn up occasionally at lectures or exercise classes.

**Changes from the previous course realisation:**

During the fall 2021 the course was taught by more traditional lectures on campus, with exercises classes where students primarily worked individually with problem solving.

**Suggestions for the next course realisation:** Make the schedule more suitable for the flipped classroom design by avoiding that some groups have exercise classes right after the lecture, allowing time for digesting the material in between those activities. Try to make the groups work more actively by checking on participation in each group and asking members to keep in touch. Verify that the videos are up to date, and if needed replace some parts of them.

# Sammanställning för Diskret Matematik MATB25/FMAB75 Spring 2022

## Basfakta

Kursnamn	<b>Diskret matematik</b>	
Kurskod	FMAB75 <a href="#">Kursplan</a>	
Högskolepoäng	7.5	<b>Arbets tid enligt läro- och timplaner</b>
Läsår	202122	
Kursen slutade i läsperiod	VT_LP2	Föreläsningar 54 h
Program	samtliga	Övningar 0 h
Antal registrerade på kursen	70	Laborationer 0 h
Antal godkända/andel av registrerade	19 / 27 %	Handledd tid 2 h
Antal enkätsvar/svarsfrekvens	7 / 10 %	Självstudietid 144 h
Antal män som svarat	6	
Antal kvinnor som svarat	1	

## Sammanfattning av enkätsvar

*På alla frågor utom den om närvaro kan poängen variera mellan -100 och +100, där -100 innebär att man "tar helt avstånd från påståendet" och +100 att man "instämmer helt i påståendet".*

## Närvaro vid undervisningen

Andel av undervisningen	Antal	Andel
0-30 %	0	0 %
30-70 %	5	71 %
70-100 %	2	29 %

## Skalor & enskilda frågor

Skala	Poäng	StdAvv
God undervisning	+48	45
Tydliga mål	+42	29
Förståelseinriktad examination	+58	38
Lämplig arbetsbelastning	+45	59
<b>Enskilda frågor</b>		
Kursen känns angelägen för min utbildning	+71	27

Överlag är jag nöjd med den här kursen +75 27

**Fördelning av svar på fråga 26:  
"Överlag är jag nöjd med den här kursen"**

	Antal	Andel
Missnöjda (<0)	0	0 %
Neutrala (0)	0	0 %
Nöjda (>0)	6	86 %
Har ej besvarat frågan	1	14 %
Medelpoäng	+75	
Standardavvikelse (StdAvv)	27	

**Fördelning av svar på fråga 17:  
"Kursen känns angelägen för min utbildning"**

Medelpoäng	+71
Standardavvikelse (StdAvv)	27

## Kommentarer

### Kursrepresentantens kommentarer

*Kommentarer har ej inkommit före utsatt tid*

### Kurslärarens kommentarer

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theory and problem solving were provided as films in Canvas. Each week there were two units with accompanying videos and guides for working with videos, the textbook and exercise problems. The students were expected to work on the units at home, and then bring questions to the exercises classes that were offered twice a week. In the exercise classes the students were encouraged to work in small groups. Just a few students choose to come to the exercise classes, but those who did seemed to benefit from it. Most students choose to work on their own, or with

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more actively by checking on participation in each group and asking members to keep in touch. Verify that the videos are up to date, and if needed replace some parts of them

### **CEQ-enkäten fylldes i**

*Webbenkäter har använts på denna kurs.*