



2023-2024



Search

# Calculus

Course

2022-2023

## Admission requirements

Not applicable.

## Description

In this course differential and integral calculus for functions of a single variable is studied, as well as a number of applications. We aim to familiarise students with the basic concepts of the theory and to show how these concepts can be applied. In the first few lectures we cover some topics from the vwo-wiskunde B-program.

## Course Objectives

The student is familiar with the fundamental techniques from the field of differential and integral calculus and can apply these in practical situations.

## Timetable

You will find the timetables for all courses and degree programmes of Leiden University in the tool [MyTimetable](#) (login). Any teaching activities that you have successfully registered for in MyStudymap will automatically be displayed in MyTimetable. Any timetables that you add manually, will be saved and automatically displayed the next time you sign in.

MyTimetable allows you to integrate your timetable with your calendar apps such as Outlook, Google Calendar, Apple Calendar and other calendar apps on your smartphone. Any timetable changes will be automatically synced with your calendar. If you wish, you can also receive an email notification of the change. You can turn notifications on in 'Settings' (after login).

For more information, watch the [video](#) or go to the 'help-page' in MyTimetable. Please note: Joint Degree students Leiden/Delft have to merge their two different timetables into one. [This video](#) explains how to do this.

- Detailed Schedule: Brightspace module of the Course (after registration only)  
**NB** The detailed schedule may divert slightly from My TimeTable for example due to splitting of groups, interim deadlines, etc.. So always check the detailed schedule 2-3 weeks before the start of the course

## Mode of Instruction

Lecture and working group.

## Assessment method

Written exam.

## Reading list

M. de Gee, Wiskunde in werking, deel 2 (analyse toegepast), Epsilon Uitgaven, deel 49. 7e druk of later (vanaf 2009), ISBN 978-90-5041-110-3.

## Registration

All students: *registration in uSis via My StudyMap is mandatory* in order to take part in this Course. For this Course the standard 14 day registration period applies.

### **NB NEW:**

- Registration for (resit)Exams is at first only a pre-registration
- **registration for (resit) Exams is not final until you have confirmed participation via My Study Map**
- (resit) Exam registration & confirmation closes 10 days prior to the exam date
- Only register for those parts that you will actually take, deregistration when not taking part is also mandatory.

## Contact

Dhr. Dr. R. J. Kooman en Dhr. Dr. H. van Mil.

## Remarks

Not applicable.

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