Course: Matlab module 2020-2021 (CHEM-E0105)
Autumn 2020

Time Schedule

Course topics

Session	Time schedule	Topic
Tutorial Exercise	Mon 7.9. 8:15-9:45	Familiarization with the Matlab environment, performing basic operations
Tutorial Exercise	Tue 8.9. 16:15-17:45	Creating variables (scalars, vectors, matrices), plotting graphics (2D, 3D)
Tutorial Exercise	Mon 14.9. 16:15-17:45	basic programming: creating functions and scripts, conditional statements, loops, structures
Tutorial Exercise	Tue 15.9. 16:15-17:45	Importing data, fitting simple models
Tutorial Exercise	Mon 21.9. 16:15-17:45	Solving system of linear equations
Tutorial Exercise	Tue 22.9. 16:15-17:45	Solving differential equations and systems of differential equations, symbolic differentiation and integration,

Homework	Deadline	Topic
Homework 1	Fri 18.9.	Matrices, functions, conditional statements, loops
Homework 2	Fri 25.9.	Solving differential equations