neu800 - Introduction to Matlab

Module label
Introduction to Matlab

Module code
neu800

Credit points
3.0 KP

Workload
90 h
(2 SWS Supervised exercise (UE) "Introduction to MATLAB" Total workload 90h: 28h contact / 62h practising learned programming skills)

Used in course of study
- Master's Programme Biology > Skills Modules
- Master's Programme Neuroscience > Skills Modules

Contact person
Module responsibility
- Carsten Gießing

Authorized examiners
- Carsten Gießing

Entry requirements
Skills to be acquired in this module
++ Expt. Methods
+ Social skills
+ Interdiscipl. knowlg.
++ Maths/Stats/Progr.
+ Data present./disc.
+ Scientific English

Within this introductory course students will learn the basics of MATLAB programming. Participants will be introduced in fundamental programming concepts.

Module contents
The modul comprises an introduction to data structures, flow control, loops, graphics, basic data analyses with MATLAB, scripts and functions.

Reader’s advisory

Links

Language of instruction
English

Duration (semesters)
1 Semester

Module frequency
annually, summer term, second half

Module capacity
12 (in total with bio640) (shared course components with (cannot be credited twice): bio640)

Modullevel
MM (Mastermodul / Master module)

Modulart
Wahlpflicht / Elective

Lern-/Lehrform / Type of program

Vorkenntnisse / Previous knowledge

Examination
Final exam of module
Time of examination
end of summer term
Type of examination
Working on exercises
Regular active participation

Course type
Lecture
Seminar
Exercises

Comment
0.00
0.00
2.00

SWS
SuSe
SuSe
SuSe

Frequency
0 h
0 h
28 h

Workload attendance
0 h
0 h
28 h

Total time of attendance for the module
28 h