

Module Handbook (<https://modhb.uni-kl.de/>)

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Notes on the module handbook of the department Biology

The below displayed informations on the courses of study, modules and courses of the department of Biology are still under construction. Till this process will be finished please use our module handbooks on

<https://www.bio.uni-kl.de/studium-lehre/studiengaenge/> (<https://www.bio.uni-kl.de/studium-lehre/studiengaenge/>)

Course BIO-TPH-04-K-5

Lecture and Reading Course - Neural Networks (S, 3.0 LP)

Course Type

SWS	Type	Course Form	CP (Effort)	Presence-Time / Self-Study
-	S	Reading course	3.0 CP	20 h / 70 h
(S)			3.0 CP	20 h / 70 h

Basedata

SWS	S
CP, Effort	3.0 CP = 90 h
Position of the semester	1 Sem. in SuSe
Level	[5] Master (Entry Level)
Language	[EN] English
Lecturers	Friauf, Eckhard, Prof. Dr. (PROF DEPT: BIO) (/staff/90/ Hirtz, Jan, Jun. Prof. Dr. (PROF DEPT: BIO) (/staff/93/ Pielage, Jan, Prof. Dr. (PROF DEPT: BIO) (/staff/99/)
Area of study	[BIO-TPH] Animal Physiology
Lifecycle-State	[NORM] Active

Possible Study achievement

- Verification of study performance: **continuous and active participation in the courses**
- Details of the examination (type, duration, criteria) will be announced at the beginning of the course.

Contents

– Students will hear introductory and summary lectures, read research and review papers, and discuss within the group and with the teacher current topics of neural networks.

Literature

E. Kandel: Principles of Neuroscience, 5th edition;

L. Luo: Principles of Neurobiology;

Paradiso, Bear, Connors: Neuroscience: Exploring the Brain

and will be provided at or prior to the beginning of the course

Requirements for attendance (informal)

None

Requirements for attendance (formal)

None

References to Course [BIO-TPH-04-K-5]

Module	Name	Context
[BIO-TM1-4_16-M-5 (/mhb/modules/BIO-TM1-4_16-M-5/)]	Theoretical Module 1-4: Lecture and Reading Course - Neural Networks	P: S, 3.0 Obligatory LP