Track 1: Neural Interfaces

- Neuroelectronics (Prof. Wolfrum)
- Electrode Electrolyte Interfaces (Prof. Wolfrum)
- Psychoacoustics and Audiological Applications (Prof. Seeber)
- Design, Fabrication and Test of Medical Implants (Prof. Burgkart)
- Introduction to Clinical Neurology for Neuroengineers (Prof. Ploner Prof. Hemmer)
- Human-Centered Neuroengineering: Cybathlon (Prof. Cheng)
- Human-Centered Neuroengineering: Neurorehabilitation (Prof. Cheng)
- Making Neuro-Technologies for Society (Prof. Maasen)
- Human Robotics (Prof. Franklin)
- [B] Machine Learning (multiple course offers: Prof. Lee, Prof. Heckel, Prof. Utschick, Prof. Günnemann)
- [B] Neuroprosthetics (Prof. Hemmert, Prof. Piazza)
- [B] Robotics (Prof. Burschka) (and multiple course offers by Knoll/ Haddadin)

Track 2: Brain-Inspired AI

- Brain, Mind and Cognition (Prof. Diepold)
- Cognitive Neuroscience (PD Fenzi, Prof. Luksch et al.)
- Cognitive Systems (Prof. Knoll)
- Biologically-Inspired Learning (Prof. Cheng)
- Humanoid Robotic Systems (Prof. Cheng)
- Reinforcement Learning for Robotics (Prof. Althoff / Prof. Lee)
- [B] Introduction to Deep Learning (Prof. Leal-Taixe & Prof. Nießner)
- [B] Machine Learning (multiple course offers: Prof. Lee, Prof. Heckel, Prof. Utschick, Prof. Günnemann)
- [B] Techniques in Artificial Intelligence (Prof. Althoff)
- [B] Robot Motion Planning (Prof. Burschka) (and multiple course offers by Knoll/ Haddadin)

Track 3: Computational Neuroengineering

- Computational Mechanisms of Learning (Prof. Franklin)
- Computational Neuroscience: A Lecture Series from Models to Applications (Prof. Seeber, Prof. Luksch, Prof. Glasauer)
- Information Retrieval in High-Dimensional Data (Prof. Kleinsteuber)
- Biosignal Processing and Modelling (Prof. Cheng)
- Systems Theory of the Senses (Prof. Hemmert, German only, English paused)
- Neural Circuits and Behavior (Prof. Grunwald)
- [B] Machine Learning (multiple course offers: Prof. Lee, Prof. Heckel, Prof. Utschick, Prof. Günnemann)
- [B] Introduction to Deep Learning (Prof. Leal-Taixe & Prof. Nießner)
- [B] Information Theory (Prof. Kramer)

As of March 2023
Add-In Courses: Entrepreneurial Neuroengineering

Think.Make.Start (Prof. Zimmermann)

Medinnovate Lab Course (Prof. Navab)

Technology Entrepreneurship Lab (UnternehmerTUM)

[B] Entrepreneurship (Prof. Breugst)

[B] Entrepreneurship and Management in Health Care (Prof. Königstorfer)

[B] Business Plan – Basic Course (Heyde)

OFFERED

PAUSED

TERMINATED

As of March 2023