Current ISS teaching for Master

1. WS
- Advanced mathematics for …
  6ECTS
- Matrix computations in SP & ML
  3ECTS

2. SS
- Statistical & adaptive signal processing
  6ECTS
- Detection & pattern recognition
  6ECTS
- Lab Medizinische Bildverarbeitung
  3ECTS
- Technologien der med. Bildgebung
  3ECTS

3. WS
- Deep learning
  3ECTS
- Lab Pattern recognition
  6ECTS

- Mixed module “Advanced signal processing and deep learning” (6ECTS) for InfoTech and EMOB: Deep learning + Matrix computations in SP & ML
### New ISS teaching for Master

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**Start SS2019 !!!**
Changes (1)

Deep learning course

- old 77920 Deep learning 3ECTS course (lecture only) →
- new 75960 Deep learning 6ECTS course, containing
  - Lecture (extended)
  - No (normal calculation) exercise
  - Mini lab
    - Introduction into Python and Tensorflow/Keras
    - Programming for everyone (home works)
  - Invited expert talks about different ML/DL applications, e.g.
    - Automotive, Consumer electronics, Medicine and healthcare, Economics

- WS → SS (start SS2019)