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

1. WS

Advanced mathematics for … 6ECTS	Matrix computations in SP & ML 3ECTS

Felix

2. SS

Deep learning 6ECTS	Detection & pattern recognition 6ECTS	Lab Medizinische Bildverarbeitung 3ECTS	Technologien der med. Bildgebung 3ECTS

3. WS

Statistical & adaptive signal processing 6ECTS	Lab Deep learning 6ECTS

Start SS2019 !!!

Changes (1)

<u>Deep learning course</u>

- ~~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)