Our modules

Mathematics of Machine Learning - 6 ECTS
• Mathematical Introduction to Machine Learning (WS)
• Theory and Algorithms of Machine Learning for Communication (SS)

Modern Signal Processing for Communications – 6 ECTS
• Mathematical Introduction to Machine Learning (WS)
• Modern Signal Processing for Communications (SS)

Modern Wireless Communications – 6 ECTS
• Fundamentals of Digital Wireless Communications (WS)
• Selected Topics in Wireless Communications and Networking (SS)
Examination

• The lecture *Mathematical Introduction to Machine Learning* is part of two modules:
  – *Mathematics of Machine Learning*
  – *Modern Signal Processing for Communications*

• You can choose in which module you want to integrate the lecture *Mathematical Introduction to Machine Learning*

• In order to complete the module *Mathematics of Machine Learning*, the lecture *Theory and Algorithms of Machine Learning for Communication and Networking* has to be taken additionally in the summer semester.

• In order to complete the module *Modern Signal Processing for Communications*, the lecture *Modern Signal Processing for Communications* has to be taken additionally in the summer semester.

• After completing both lectures: *one* oral exam

• Registration for the module at the Examination Office (Prüfungsamt)
  – You will receive a yellow sheet → bring it to the exam (without sheet, no exam!)

• At the end of the lecture you will be informed about possible exam dates

• Registration for the oral exam (in case you have finished both lectures) via E-Mail to ewa.heinze@tu-berlin.de
Exchange students

- It is possible to be examined only in one lecture with 3 ECTS
- You do not need to register at the Examination Office, simply ask for an examination date via E-Mail to ewa.heinze@tu-berlin.de
- After passing the exam you receive a certificate for the International Office