

Deutsche Telekom Chair of Communication Networks

Project Topics

Oberseminar Communication Networks (KN)

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Plan

Module A

ComNets 3

- Series of lectures and hands on sessions
- 1.5 sessions* per week
- Exam: Classic - Oral / Written

Module AB

PBL

- Students perform a project in groups - (30 hrs each)
- 1.5 sessions* per week
- Project report+ presentation

Module B

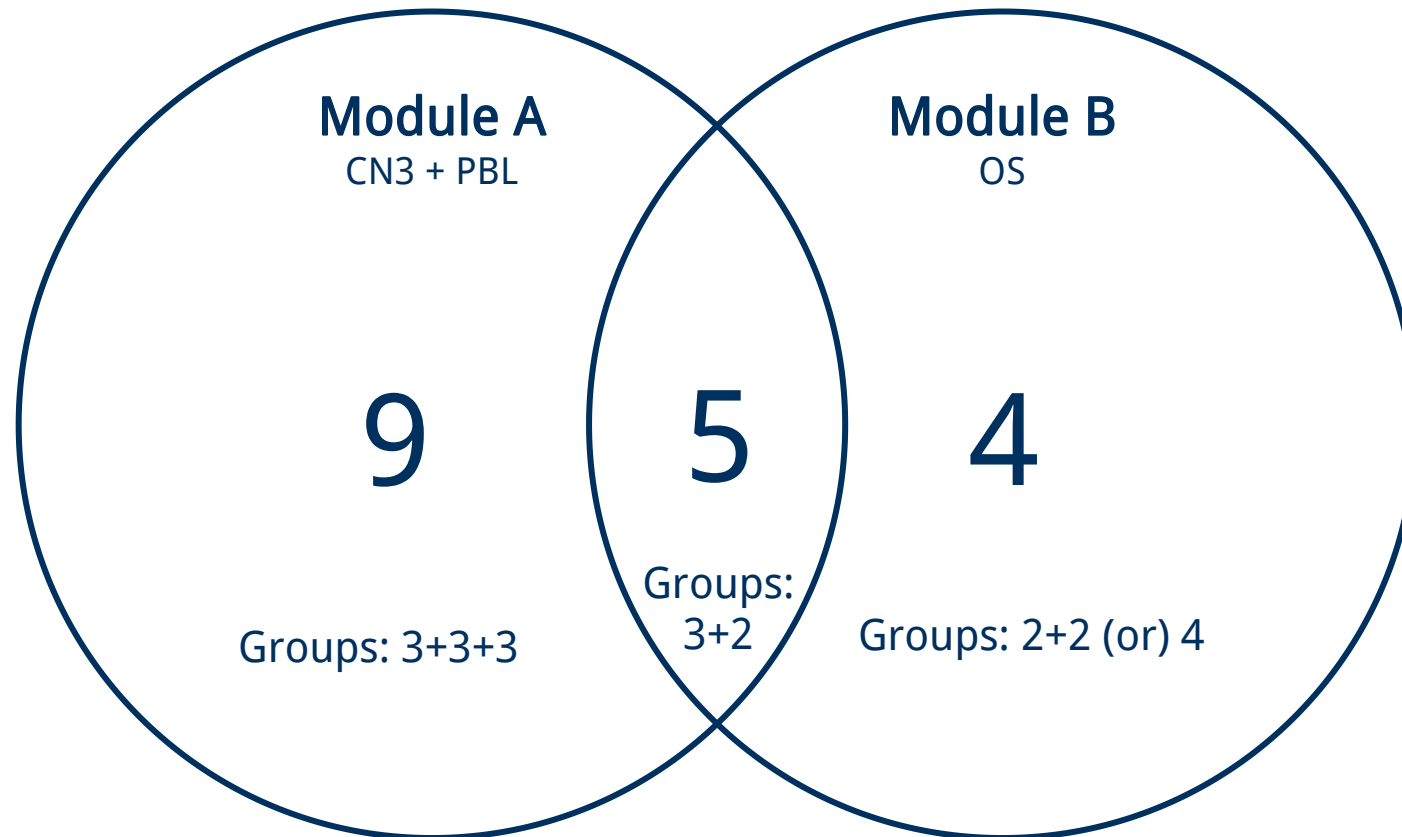
Oberseminar

- Students do a project - (120 hrs each)
- 1 sessions* per week
- Project report+ presentation

- Combine both the projects together and give a unified topic for 150 hrs
- Students get two grades and both credits - But submit just one report

* session = 2DS (90 min)

Student distribution



- These are **preliminary** Numbers
- 3 different project volumes – 30hrs; 120hrs; 150hrs.

Topics for OS

1. "A Survey of Mobile Edge Cloud" by M.Sc. Mahshid Mehrabi (mahshid.mehrabi@tu-dresden.de)
2. "A survey research on applying network coding to multi-path routing in order to achieve low latency" by M.Sc. Elif Tasdemir (elif.tasdemir@mailbox.tu-dresden.de)
3. "A survey research on applying network coding to multi-path routing in order to increase resilience" by M.Sc. Elif Tasdemir (elif.tasdemir@mailbox.tu-dresden.de)

Topics for OS/OS+PBL

1. "Service Function Chain" by M.Sc. Zuo Xiang (zuo.xiang@tu-dresden.de)
2. "Virtualization of Application for Collaboration of Robots 1" by Dr.-Ing. Ievgenii Tsokalo (ievgenii.tsokalo@tu-dresden.de)
3. "Virtualization of Application for Collaboration of Robots 2" by Dr.-Ing. Ievgenii Tsokalo (ievgenii.tsokalo@tu-dresden.de)
4. "Virtualization of Application for Collaboration of Robots 3" by Dr.-Ing. Ievgenii Tsokalo (ievgenii.tsokalo@tu-dresden.de)
5. "Virtualization of Application for Collaboration of Robots 4" by Dr.-Ing. Ievgenii Tsokalo (ievgenii.tsokalo@tu-dresden.de)