

**Modules that are currently in the timetable of 3rd semester but can also be taken in 1st semester according to the recommendation of the lecturer**

1. Hardware Modelling and Simulation
2. Integrated Photonic Devices for Communications and Signal Processing
3. Quantum Mechanics for Nanoelectronics
4. Ubiquitous Systems
5. Optoelectronics – only for students who have the required prerequisites due to their previous study programme!