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. Plasma Technology
6. Foundations of Certified Programming Language and Compiler Design
7. Electromechanical Networks
8. Optoelectronics – only for students who have the required prerequisites due to their previous study programme!