

Only the german version of the module description as part of the study regulations is legally binding.

Module name	Business Administration Specialization - Production and Logistics
Module number	INF-25-Ma-NSP-BWL-PL
Responsible lecturer	Dean of Studies for Business and Economics studiendekan.ww@mailbox.tu-dresden.de
Qualification objectives	Students have basic knowledge in the field of production and logistics. They know the essential tasks of production and logistics and understand the theoretical basis for analyzing production processes and cost changes. They will be able to carry out production program planning and design production processes effectively and efficiently, taking into account the selected production organization. Students are familiar with analysis and design principles for the logistics system and subsystems as well as rules for coordinating logistics processes. They are able to apply quantitative methods in logistics, model practical logistics problems and solve them using suitable mathematical methods.
Content	Contents of the module are production and cost theory, program planning, supply planning, implementation planning, building blocks of corporate logistics, basics of optimization in networks, application cases of distribution logistics and basics of procurement logistics.
Teaching and learning methods	The module comprises lectures of 2 SWS, exercises of 2 SWS and the self-studium. The language of instruction for the lectures and exercises is German.
Prerequisites for participation	In the Diploma degree program in Computer Science, the competencies to be acquired in the module INF-25-Ma-NVE-BWL Betriebswirtschaftslehre Vertiefung are a prerequisite.
Applicability	The module is a compulsory module of the non-informatics supplement Business Administration here in the Diploma degree course in Computer Science in the main study program. The module creates the prerequisites for the modules listed under prerequisites for participation.
Requirements for earning credit points	The credit points are earned if the module examination is passed. The module examination consists of a written examination lasting 120 minutes. The examination language is German.
Credit points and grades	6 credit points can be earned through the module. The module grade corresponds to the grade of the examination.
Module frequency	The module is offered every winter semester.
Workload	The total workload is 180 hours.
Module duration	The module comprises one semester.