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

Module name	**Software as a Business**
Module number	INF-25-Ma-FSP-SAAB
Responsible lecturer	Prof. Uwe Aßmann uwe.assmann@tu-dresden.de
Qualification objectives	Students are familiar with the basic principles of agile innovation management in the form of the agile start-up process 'Lean Startup', both in its methodology and in its phases and milestones (problem-solution fit, customer interviews, product-market fit, scale). You are familiar with Lean Startup tools such as Business Model Canvas, Value Proposition Canvas and Jobs-to-be-done Canvas. You have knowledge of investor pitch formats and methods for developing the 'Minimal viable project (MVP)'. They know software business models for software product lines and ecosystems and know how to work out using models.
contents	Contents of the module are the basics of value-driven development, customer interviews, value analysis, question methods, cost and price models, feature models, business models of software products and product lines, software and transactional ecosystems.
Forms of teaching and learning	The module includes lectures in the scope of 2 SWS, exercises in the scope of 2 SWS and self-study. The teaching language of the lectures and exercises is English.
Requirements for participation	The competences to be acquired in the modules INF-25-Ba-SWT Software Technology and INF-25-Ba-DMF Data Management Foundations are required in the Diploma Programme in Computer Science and the Bachelor Programme in Computer Science. The Bachelor's programme in Applied Computer Science assumes the competencies to be acquired in the modules INF-25-Ba-SWT Software Technology and INF-25-Ba-PMZ-DBE Database Engineering. In the Master's program Computer Science, basic knowledge of software technology at bachelor's level is required.

usability	The module is a compulsory elective module in the subject area Software Technology and Programming Languages in the diploma course Computer Science in the main course of study, which must be chosen in accordance with Annex 2 to the examination regulations. In the Bachelor's programme in Computer Science, the module is a compulsory elective module of specialisation, which must be chosen in accordance with the annex to the examination regulations. The module in the Bachelor's programme in Applied Computer Science is a compulsory elective module in the specialisation in Media Informatics and in the specialisation in Medical Informatics, which must be chosen in accordance with the annex to the examination regulations. The module in the Master's programme Computer Science is a compulsory elective module in the Open Track in the field of Software Technology and Programming Languages as well as the supplement, which must be selected in accordance with Annex 2 to the examination regulations. The module can only be selected once in the Master's programme Computer Science. The module cannot be selected in the Master's program Computer Science if this or a substantially identical module from a degree program with which the admission requirements according to § 3 of the study regulations have been fulfilled, has already been completed. The module creates the prerequisites for the modules, which it names under prerequisites for participation
Conditions for awarding credits	The credit points are earned when the module examination has been passed. The module examination consists of a non-public oral examination performance as an individual examination of 15 minutes duration. Bonus performance for oral examination performance is the development and presentation of a business model in the amount of 30 hours. The language of the examination is German or English at the choice of the student.
Credits and grades	6 credit points can be earned through the module. The module grade corresponds to the grade of the examination performance.
Frequency of the module	The module is offered every winter semester.
workload	The total workload is 180 hours.
Duration of the module	The module consists of 1 semester.