Module name	**Literature Studies in Computing**
Module number	CMS-SEM-CP
Senior Lecturer	Jun Prof. Dr. Matthew McGinity matthew.mcginity@tu-dresden.de
Qualification objectives	Students are able to find, read, analyse and write scientific texts. You can write an overview of a scientific topic and present it. Students master the structuring of scientific arguments and can participate in a scientific debate.
Contents	The content of the module shall include academic research methods and tools, including literature search engines and search strategies, development of bibliography, academic writing styles and structure of academic work, quotations and prevention of plagiarism, as well as historical or contemporary texts from informatics and related disciplines and the limitations of research in informatics.
Forms of teaching and learning	The module includes seminars of 2 SWS and self-study. The language of the seminars will be English.
Eligibility for participation	No knowledge is required.
Usability	In the Masters Course Computational Modeling and Simulation, the module is a compulsory optional module of basic scientific methodological training, to be chosen in accordance with Annex 1 to the Specific Examination Regulations. The module cannot be chosen in the Master's Course Computational Modeling and Simulation if this or a module with substantially the same content from a Course with which the entry conditions under § 3 of the Studienordnung have been met has already been completed. The module provides the pre-requisites for the modules it designates under the pre-requisites for participation.
Conditions for the award of credits	Credits are awarded when the module test is passed. The module test consists of a complex performance of 50 hours. The language of the test will be English.
Credits and marks	The module allows for 3 credit points. The module score corresponds to the test performance score.
Frequency of the module	The module is offered every semester.
Workload	The total workload is 90 hours.
Duration of the module	The module covers 1 semester.
Module name	**Literature Studies in Computer Vision**

Module number	CMS-SEM-CV
Senior Lecturer	Prof. Dr. Björn Andres bjoern.andres@tu-dresden.de
Qualification objectives	Students can independently develop knowledge of optimisation problems and algorithms in the field of Computer Vision from literature. You can understand this knowledge, present it scientifically in English and respond to queries.
Contents	At the student's choice, the module will contain an optimisation problem or process from the field of Computer Vision.
Forms of teaching and learning	The module includes seminars of 2 SWS and self-study. The language of the seminars will be English.
Eligibility for participation	The skills to be acquired in the CMS-COR-ML Machine Learning module are required.
Usability	In the Masters Course Computational Modeling and Simulation, the module is a compulsory optional module of basic scientific methodological training, to be chosen in accordance with Annex 1 to the Specific Examination Regulations. The module cannot be chosen in the Master's Course Computational Modeling and Simulation if this or a module with substantially the same content from a Course with which the entry conditions under § 3 of the Studienordnung have been met has already been completed. The module provides the pre-requisites for the modules it designates under the pre-requisites for participation.
Conditions for the award of credits	Credits are awarded when the module test is passed. The module test consists of a complex performance of 50 hours. The language of the test will be English.
Credits and marks	The module allows for 3 credit points. The module score corresponds to the test performance score.
Frequency of the module	The module is offered every summer semester.
Workload	The total workload is 90 hours.
Duration of the module	The module covers 1 semester.