

Module No.:	CM3	Credits: 4
Title:	Design Science Research	2 SWS
Location:	TU Braunschweig	
Goals of this course: <ul style="list-style-type: none"> - This course addresses first and second year doctoral students primarily from the IS Field but also from other research areas and introduces them to the research paradigm of Design Science Research - Students will gain knowledge about theoretical and methodological foundations of Design Science Research, including research outputs (IT artefacts), research foundations, research processes and underlying assumptions. - After completion of the course students are able to bring design science in line with other research methods and research paradigms, also compared to the research traditions of other disciplines. - In terms of meta-reflection students will master a discussion of critical aspects and new forms of design related practices. - For their own thesis they will have broad competencies to develop and defend their own design science approach. 		Workload: Attendance time: 25 h Self-study time: 95 h
Content: <ul style="list-style-type: none"> - This course introduces the student to design science research and discusses the differences to natural science and behavioral science research. The relationship between design and research, the different types of IT artifacts, as well as methods for design science research are further core topics of this course. Finally, the course also teaches students more advanced topics in design science research such as theorizing principles and techniques as well as design science research as a research paradigm that can be combined with other social science methods such as action research. - Competences are acquired with basic literature, current research papers and in discussion of student's own research project. 		
Examination: <ul style="list-style-type: none"> - Successful acquisition of the described competencies will be validated with two presentations (one team presentation) and a summarizing portfolio discussion. 		
Recommended Semester:		Cycle:
1-3		Each summer term
Literature:		Lecturer:
Will be provided in the course		Prof. Dr. Susanne Robra-Bissantz
Type of Module:		Language:
Mandatory		English/German
Repeatable:		Maximal number of students:
twice		15