

Modulbezeichnung	Computer Sciences	
Semester	1	
ECTS-Punkte (Dauer)	5 (1 Semester)	
Art	Pflichtfach	
Studentische Arbeitsbelastung	60 h Kontaktzeit + 90 h Selbststudium	
Voraussetzungen (laut BPO)		
Empf. Voraussetzungen		
Verwendbarkeit	MaTMeng	
Prüfungsform und -dauer	written exam 2h or oral examination or project or draft or report or computer program or experimental work	
Lehr- und Lernmethoden	Seminar form lecture, exercises	
Modulverantwortlicher	R. Götting	
Qualifikationsziele	Completing this course the students should be able to implement complex project using standard libraries. Understanding of standard paradigms in creating Java desktop applications. Understanding and using of standard methods in object-oriented software-systems. Developing an application using an ide.	
Lehrinhalte	The course contents might be summarized by four topics + Advanced concepts of a object-oriented programming language + Frameworks + Design patterns + Software development using an ide	
Literatur	J. T. Streib, T. Soma: Guide to Java, Springer Verlag, 2014 lecture notes	
Lehrveranstaltungen		
Dozent	Titel der Lehrveranstaltung	SWS
R. Götting	Advanced Programming	4