

Course Description – Summer 2022

Title	Selected Chapters Functional Programming
Faculty	Computer Science
Professor	Prof. Dr. Erwin Neuhardt
ECTS	5
Level	Master, Bachelor (with prerequisites)
Requirements	5 ECTS in any programming language
Add. Information	
Content	The students get to know the concepts of functional programming, their implementation in Scala, and can apply the concepts in concrete application contexts. Contents: types and functions, higher order functions, error handling, case classes, pattern matching, function composition, Monads, IO in functional programs.