

Course Description – Summer 2025

Selected Chapters Functional Programming

| | |
|-------------------------|--|
| 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. |