

Academic year 2022-2023
Master in Distributed Systems

Year 1 (class 2022-2024)

Semester 1

Compulsory courses

Advanced Software Engineering Techniques 7.5 ECTS
C: 2 S: 2 L: Ex: E

Formal Methods in Software Engineering 7.5 ECTS
C: 2 S: 2 L: Ex: EVP

Optional courses: 2 out of 5

Web Application Development 7.5 ECTS
C: 2 S: 2 L: Ex: E

Computer Vision 7.5 ECTS
C: 2 S: 2 L: Ex: EVP

Distributed Operating Systems 7.5 ECTS
C: 2 S: 2 L: Ex: E

Operating System Security and Malicious Systems 7.5 ECTS
C: 2 S: 2 L: Ex: E

Blockchain - Foundations and Applications 7.5 ECTS
C: 2 S: 2 L: Ex: E

Semester 2

Optional courses: 4 out of 8

Models of Distributed Systems 7.5 ECTS
C: 2 S: 2 L: Ex: E

Concurrent and distributed programming 7.5 ECTS
C: 2 S: 2 L: Ex: EVP

Event-based Systems 7.5 ECTS
C: 2 S: 2 L: Ex: E

Advanced Topics in Computer Vision 7.5 ECTS
C: 2 S: 2 L: Ex: E

System Specification and Verification 7.5 ECTS
C: 2 S: 2 L: Ex: E

Security Protocols. Modelling and Verification

7.5 ECTS

C: 2 S: 2 L: Ex: E

Experimental Analysis of Algorithms

7.5 ECTS

C: 2 S: 2 L: Ex: E

Pragmatic Aspects in Engineering of Cloud Systems

7.5 ECTS

C: 2 S: 2 L: Ex: EVP

Academic year 2022-2023
Master in Distributed Systems

Year 2 (class 2021-2023)

Semester 1

Compulsory courses

Java Technologies 7.5 ECTS
C: 2 S: 2 L: Ex: E

Optional courses: 3 out of 9

Web Application Development 7.5 ECTS
C: 2 S: 2 L: Ex: E

Computer Vision 7.5 ECTS
C: 2 S: 2 L: Ex: EVP

Experimental Analysis of Algorithms 7.5 ECTS
C: 2 S: 2 L: Ex: E

Distributed Operating Systems 7.5 ECTS
C: 2 S: 2 L: Ex: E

Operating System Security and Malicious Systems 7.5 ECTS
C: 2 S: 2 L: Ex: E

Blockchain - Foundations and Applications 7.5 ECTS
C: 2 S: 2 L: Ex: E

Operational Research 7.5 ECTS
C: 2 S: 2 L: Ex: E

Special Chapters on Artificial Intelligence 7.5 ECTS
C: 2 S: 2 L: Ex: EVP

Project Management 7.5 ECTS
C: 2 S: 2 L: Ex: E

Semester 2

Compulsory courses

Ethics and academic integrity 5 ECTS
C: 1 S: L: Ex: EVP

Professional/Research Practice 12 ECTS
C: S: L: 6 Ex: EVP

Methodology for Dissertation Development

13 ECTS

C: S: L: 7 Ex: EVP