Scrum-in-Practice

Winter

(engl. Scrum-in-Practice)

Modulnummer: FIN-INF-120438

Kürzel	CP	Semester	Fachsem.	Dauer	Sprache	Niveau
SIP	6	Winter	starting at 5.	1 Semester	deutsch	Master

Link zum LSF:	LSF
Zugang beschränkt:	
Verantwortung:	Prof. Dr. Frank Ortmeier
Dozent:in:	Prof. Dr. Frank Ortmeier
Lehrveranstaltungen:	• Vorlesung *Scrum-in-Practice* • Übung *Scrum-in-Practice* Die Lehrveranstaltungen finden zum Teil im Blockformat statt.
Verwendbarkeit:	- M.Sc. INF: Informatik - M.Sc. INF: Schlüssel- und Methodenkompetenzen - M.Sc. INGINF: Informatik - M.Sc. INGINF: Schlüssel- und Methodenkompetenzen - M.Sc. DKE: Applied Data Science - M.Sc. DE: Methoden der Informatik - M.Sc. DE: Fachliche Spezialisierung - M.Sc. VC: Computer Science - M.Sc. VC: Schlüssel- und Methodenkompetenzen

Angestrebte Lernergebnisse:

students ...

- know the Scrum project management method
- apply agile software development methods practically
- gain practical experience by carrying out a project
- reflect on self- and project management

Inhalt:

- In this module, theoretical knowledge and practical skills in dealing with Scrum are taught.
- The event consists of three parts.
- In an introductory part, the necessary concepts of the Scrum process model are presented in two lectures and the technologies necessary for successful project implementation are listed.
- In the main part of the event, a project will be implemented using Scrum in a 1-week block event. This is done in project teams of 4-5 participants.
- During this phase, Scrum meetings with the supervisors take place 2 times a day. As a result, the participants learn to develop purposefully and efficiently according to this development model.
- The block event will take place in one week during the lecture-free period. Of course, there is a duty of attendance here.
- For successful implementation in the project work, each participant is expected to carefully familiarize himself with the necessary technologies.
- After the completion of the project week, the participants reflect on their experiences and summarize them. These results will then be discussed in a joint closing event.

Arbeitsaufwand:
180h = 56h presence time + 124h independent work on the project

Prüfungsvorleistungen:	**Studien-/Prüfungsleistungen:**	**Lehrform / SWS:**
Projekt + Ausarbeitung	mündliche Prüfung	Block seminar / Project work

Voraussetzungen nach Prüfungsordnung:	**Empfohlene Voraussetzungen:**
none	Software Engineering

Medienformen:	**Literatur:**

Hinweise:
Enrollment Restriction: Limited number of participants. The selection process will be announced during the first lecture.

Revision #1
Created 2026-10-31 09:07:44 UTC by Fakultät für Informatik
Updated 2026-10-31 09:07:44 UTC by Fakultät für Informatik