Scrum-in-Practice

Winter

(engl. Scrum-in-Practice)

Modulnummer: FIN-INF-110511

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

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:	- B.Sc. INF: Informatik - Wahlpflicht - B.Sc. INF: Schlüssel- und Methodenkompetenzen - B.Sc. INF: FIN SMK - B.Sc. CV: Informatik - Wahlpflicht - B.Sc. CV: Schlüssel- und Methodenkompetenzen - B.Sc. CV: FIN SMK - B.Sc. INGINF: Informatik - Wahlpflicht - B.Sc. INGINF: Schlüssel- und Methodenkompetenzen - B.Sc. INGINF: FIN SMK - B.Sc. WIF: Gestalten und Anwenden - Wahlpflicht - B.Sc. INF (bilingual): Informatik - Wahlpflicht - B.Sc. INF (bilingual): Schlüssel- und Methodenkompetenzen - B.Sc. INF (bilingual): FIN SMK

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 an introduction to the technologies necessary for successful project implementation is given.
- 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:
150h = 56h presence time + 94h independent work on the project

Prüfungsvorleistungen:	**Studien-/Prüfungsleistungen:**	**Lehrform / SWS:**
Projekt	mündliche Prüfung	• 2 SWS lecture • 2 SWS exercise

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.

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