

## Module Handbook

TUK MODHB Homepage

# Module INF-00-50-M-2

Overview Socioinformatics (M, 8.0 LP)

## Module Identification

Module Number	Module Name	CP (Effort)
INF-00-50-M-2	Overview Socioinformatics	8.0 CP (240 h)

## Basedata

CP, Effort	8.0 CP = 240 h
Position of the semester	1 Sem. in WiSe
Level	[2] Bachelor (Fundamentals)
Language	[DE] German
Module Manager	Zweig, Katharina, Prof. Dr. (PROF   DEPT: INF)
Lecturers	Zweig, Katharina, Prof. Dr. (PROF   DEPT: INF)
Area of study	[INF-SI] Socioinformatics
Reference course of study	[INF-82.B16-SG] B.Sc. Socioinformatics
Lifecycle-State	[NORM] Active

## Courses

Type/SWS	Course Number	Choice in Module-Part	SL	PL	CP	Sem.
2V+4U	INF-90-07-K-2	P	U-Schein	PL1	6.0	WiSe
1V	INF-90-01-K-2	P	AB_GESP	no	2.0	WiSe

- About [INF-90-07-K-2]: Title: "Introduction to Sozioinformatics"; Presence-Time: 56 h; Self-Study: 124 h
- About [INF-90-07-K-2]: The study achievement "[U-Schein] proof of successful participation in the exercise classes (ungraded)" must be obtained.
  - It is a prerequisite for the examination for PL1.

- About [INF-90-01-K-2]: Title: "Socio-Informatics in Practice"; Presence-Time: 14 h; Self-Study: 46 h
- About [INF-90-01-K-2]: The study achievement "[AB\_GESP] exercise interview" must be obtained.

## Examination achievement PL1

- Form of examination: **written exam (Klausur) (60-90 Min.)**
- Examination Frequency: each winter semester
- Examination number: 69007 ("Introduction to Socio-Informatics")

## Evaluation of grades

The grade of the module examination is also the module grade.

### Contents

#### From [INF-90-07-K-2] Introduction to Sozioinformatics:

In this lecture the connections between the courses taught in the program of socioinformatics are clarified, for example:

- What are socio-technical systems and how can they be modeled?
- How do people behave online and offline?
- What legal questions can arise in socio-technical systems?
- What business models exist in web-based systems?

In the exercises, students work on socioinformatics topics in small groups and publish them using a wiki or blog.

#### From [INF-90-01-K-2] Socio-Informatics in Practice:

Typical scenarios for socioinformatics are discussed in the lecture series by invited speakers. Possible topics include the influence of social network platforms on protest movements, data protection issues or the use of Liquid Feedback for e-democracy movements.

### Competencies / intended learning achievements

Upon successful completion of the module, students will be able to

- to describe possible fields of application and challenges of socioinformatics,
- explain the connection between the modules and how they contribute to a course of study in "socioinformatics",
- identify and name typical issues in the domain of socioinformatics,
- to distinguish socioinformatics from related fields such as the sociology of technology,
- for the lectures of the bachelor's program as they are related to socioinformatics,
- to prepare topics of socioinformatics, based on academic publications, reliable internet sources and articles from the press, and to publish them online

### Literature

#### From [INF-90-07-K-2] Introduction to Sozioinformatics:

- Johannes Weyer: Techniksoziologie: Genese, Gestaltung und Steuerung sozio-technischer Systeme, Juventa Verlag Weinheim, 2008,
- Sara Baase: A gift of fire - Social, legal, and ethical issues for computing technology, Pearson Education limited, Harlow, England, vierte Auflage, 2013.

Additional literature depending on the topics chosen for the exercises (current newspaper articles, blog entries, studies).

#### From [INF-90-01-K-2] Socio-Informatics in Practice:

Depending on the selected topics.

### Requirements for attendance of the module (informal)

None

## Requirements for attendance of the module (formal)

None

## References to Module / Module Number [INF-00-50-M-2]

Course of Study	Section	Choice/Obligation
[INF-82.B16-SG] B.Sc. Socioinformatics	[Compulsory Modules] Socioinformatics and Methodology	[P] Compulsory