

Modulprofil

Prüfungsnummer

5171110

Dauer

1 Semester

Häufigkeit des Angebots

Jedes Sommersemester

SWS

4

ECTS-Credits (CP)

5.0

Workload

Angeleitete Studienzeit:

Präsenzzeit: 60 Std.

Selbststudienzeit: 90 Std.

Gesamt: 150 Std.

Lehrveranstaltungsart(en)

Seminar

Lehrsprache

Englisch

Organisation

Modulverantwortung

Prof. Dr. Magda Gregorová

Dozierende

Prof. Dr. Magda Gregorová,

Dr. Maryam Bagheri

Verwendbarkeit

MAI

Studiensemester

1. Semester

Art des Moduls

Pflichtmodul

Verpflichtende Voraussetzungen gemäß SPO

None

Empfohlene Voraussetzungen

The course is designed for full time MAI students. Not suitable for incoming visiting students!

Inhalte

Studying and working in Germany

- THWS study system, MAI program and structure, examination rules, SPO, APO
 - getting a job in Germany, support structures in THWS, academic CV, networking options
 - academic good conduct, plagiarism rules, use of AI
- Practical research and scientific work skills and principles of good scientific conduct.
- Academic writing on AI topics in English (for non-native speakers)
 - Standard structure of academic texts – project proposal, theses, technical reports, research articles
 - Specific grammar features and word choices of English academic text and common pitfalls for non-native speakers
 - Literature review (dblp, google scholar, journals and conferences, predatory publishers)
 - Visual support of technical text (visual display of quantitative data, visual communication), academic presentations and poster design
 - Analysis of academic text, critical evaluation, peerreview process and principles
 - Academic and research support software tools and bibliography systems (Zotero, Mendeley, ...)
 - Academic talk structure, audience targeting, academic exchange of knowledge and experience, constructive feedback and academic research discussion
 - Good conduct in academic writing (citations, acknowledgments, plagiarism), open science, transparency, reproducibility

Prüfung

Verpflichtende Voraussetzung gemäß SPO für die Teilnahme an der Prüfung

Keine

Art der Prüfung

Sonstige Prüfung (soP) gemäß
§§ 26, 27 APO

Dauer/Form der Prüfung

Portfolio

Die konkrete Festlegung der
abzuleistenden Prüfung erfolgt
im Studienplan

Prüfungssprache

Englisch

Voraussetzung für die Vergabe von Leistungspunkten

Keine

Lernergebnisse

Upon completion of the seminar students:

- can write English academic texts on AI topics taking into account the expected format (using appropriate mathematical typographical software - LaTeX), structure, and the target audience; can adapt the language and visual support accordingly (article vs. presentation, etc.).
- understand the importance of good academic conduct, the boundaries and consequences of plagiarism, and the benefits of open science, transparency and reproducibility, they can design their communication strategy accordingly (open access / open source, experimental documentation, etc.)
- can conduct relevant literature search, analyze the quality of texts, can create and maintain a relevant bibliography in standard software tools and correctly reference previous work in their academic outputs
- are aware of selected recent trends in AI research and main opportunities and challenges in transferring them to practical applications
- can critically analyse academic text and provide constructive feedback, can interact with senior researchers in an informed discussion

Literatur

To be defined in seminar