

➤ Web Information Retrieval Module Overview

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About the WIR module

- **Course ID**
 - 04IN2028
- **Aim**
 - understanding the fundamentals and basics of information retrieval and web search
- **For whom it is intended**
 - Master students in: 1) Web Science, 2) Computer Science, 3) Computer Visualistics, 4) Mathematical Modelling, 5) etc.
 - Elective
 - (some) Bachelor students (please check your programme regulations)
 - Elective

About the WIR course – Learning Materials

Material and further information on OLAT

The screenshot shows the structure of the OLAT module "Web Information Retrieval SoSe 2023". The left sidebar contains links to "Module Overview", "Lecture Materials", "Exercise Materials", and "Forum". The main content area displays the following sections:

- Web Information Retrieval SoSe 2023**:

The lecture will give an introduction in established retrieval models for text based documents, models that exploit the graph structure of the WWW, the topic of evaluating the performance of retrieval systems and related tasks like classification and clustering of web documents. The concepts communicated in the lecture will be applied in practical exercises and tutorials.

In order to complete the module, students first have to achieve a score of at least 60% in the weekly exercises and complete at least 80% of all assignments, which then qualifies them to sit the final exam. The threshold to pass the exam is 50%. Exam qualifications from previous years are *not* carried over.
- Module Overview**:

In this folder, you can find general information about the module.
- Lecture Materials**:

In this folder, you can find lecture slides and further reading materials. We will release new learning materials each week.
- Exercise Materials**:

As entry requirement for sitting the final exam, students are required to score 60% or higher in the weekly exercises and complete at least 80% of all assignments. The solutions are discussed in the following week in our tutorial sessions. We will release new assignments each week.
- Forum**:

You can use the forum to ask questions about the module content. We will also use it to announce issues relevant to the module.

About the WIR course - Lectures

- **Where**
 - M001 and some (potentially) online on BigBlueButton

- **When**
 - Wednesdays at 04:00pm (except public holidays and semester breaks)
 - See the schedule on KLIPS

- **Lecturers**
 - Stefania Zourlidou, Frank Hopfgartner

- **Consultation**
 - Only via OLAT Forum

- **Klips Link**
 - <https://klips.uni-koblenz-landau.de/v/123564>

- **Credit points**
 - 6 ECTS

About the WIR course - Tutorials

- **Where and When?**

- Thursdays in M201 or online (at 14:00)
- Starting from: 26 April

- **Given by**

- Stefania Zourlidou, Frank Hopfgartner

- **How to contact us?**

- Use OLAT Forum
- **Only** for emergency cases, send an email

- **The next assignment sheet**
 - Will be published weekly on Thursdays after the tutorial
 - Must be submitted
 - before 23:59 on Wednesdays
 - on OLAT
- **Requirements**
 - The assignment sheet must be solved individually
 - The programming language (if applicable) is Python

Exam

- **Where**
 - 08 August 2023
- **When**
 - D 028
- **How**
 - Written
- **Requirements**
 - Achieving 60% of practice sheet points in tutorials
 - Submitting 80% of all assignment sheets before their deadlines
 - Registering for the exam before the deadline

Can I pass the course?

- Yes, if
- Attend both lecture and tutorials
- Ask questions
- Take notes
- Study the recommended material
- Solve the exercise sheets by yourself
- Practice programming
- Never cheat nor plagiarize

Prerequisites

- Programming skills in general (Python in particular)
- Basic understanding of maths, algebra, probability theory, etc

Books

- *Introduction to Information Retrieval.*
Manning, Raghavan, Schütze
Cambridge University Press, 2009.
- *Web Data Mining.*
Liu.
Springer, 2007.
- *Modern Information Retrieval.*
Baeza-Yates, Ribeiro-Neto
ACM Press, 2012.



What is plagiarism?

- Turning in someone else's work as your own
- Copying words or ideas from someone else without giving credit
- Failing to put a quotation in quotation marks
- Giving incorrect information about the source of a quotation
- Changing words but copying the sentence structure of a source without giving credit
- Copying so many words or ideas from a source that make up the majority of your work, whether you give credit or not (see the section on "fair use" rules)
- Acknowledging that the material has been borrowed and providing your audience with the necessary information to find the source is usually enough to avoid plagiarism

Important to know

«Any sharing, copying or plagiarism of any exercise or assignment will result in a repeat of the course the following year for both students.»

We take this very seriously!

Credit for these slides

These slides have been adapted from

- Web IR (Zeyd Boukherz-WeST)