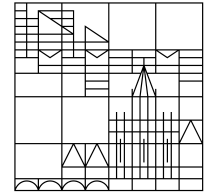


Universität  
Konstanz



# M.Sc. in Computer and Information Science

**Maria Hesse (M.A.)**  
Internationalization and  
Master Coordination

# Your host for today



**Maria Hesse**

Master Coordinator

# Questions

During the presentations, you can use the chat function to get in touch with our departmental student advisors



# Why study Computer and Information Science at Konstanz?



# Why study Computer and Information Science at Konstanz?

Explorative  
Analysis and  
Visualization of  
Large Information  
Space



# Why study Computer and Information Science at Konstanz?

mentoring programme

study specialisations

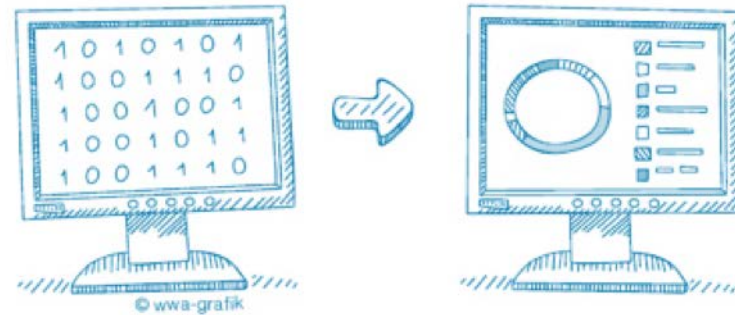
high tech labs

research-driven teaching

# Why study Computer and Information Science at Konstanz?

## Profiles and areas of specialization

- Data Mining/ Big Data
- Digital Libraries
- Interactive Systems
- Network Science
- Systems
- Visual Computing



# The Master's programme



Powerwall



# M.Sc. Computer and Information Science at a glance

Degree

- Master of Science

Programm start

- winter semester & summer semester

Period of study

- 4 semesters

Admission restrictions

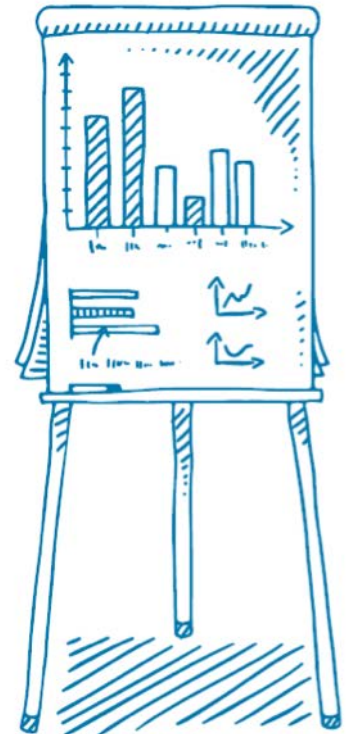
- no, but admission requirements

ECTS

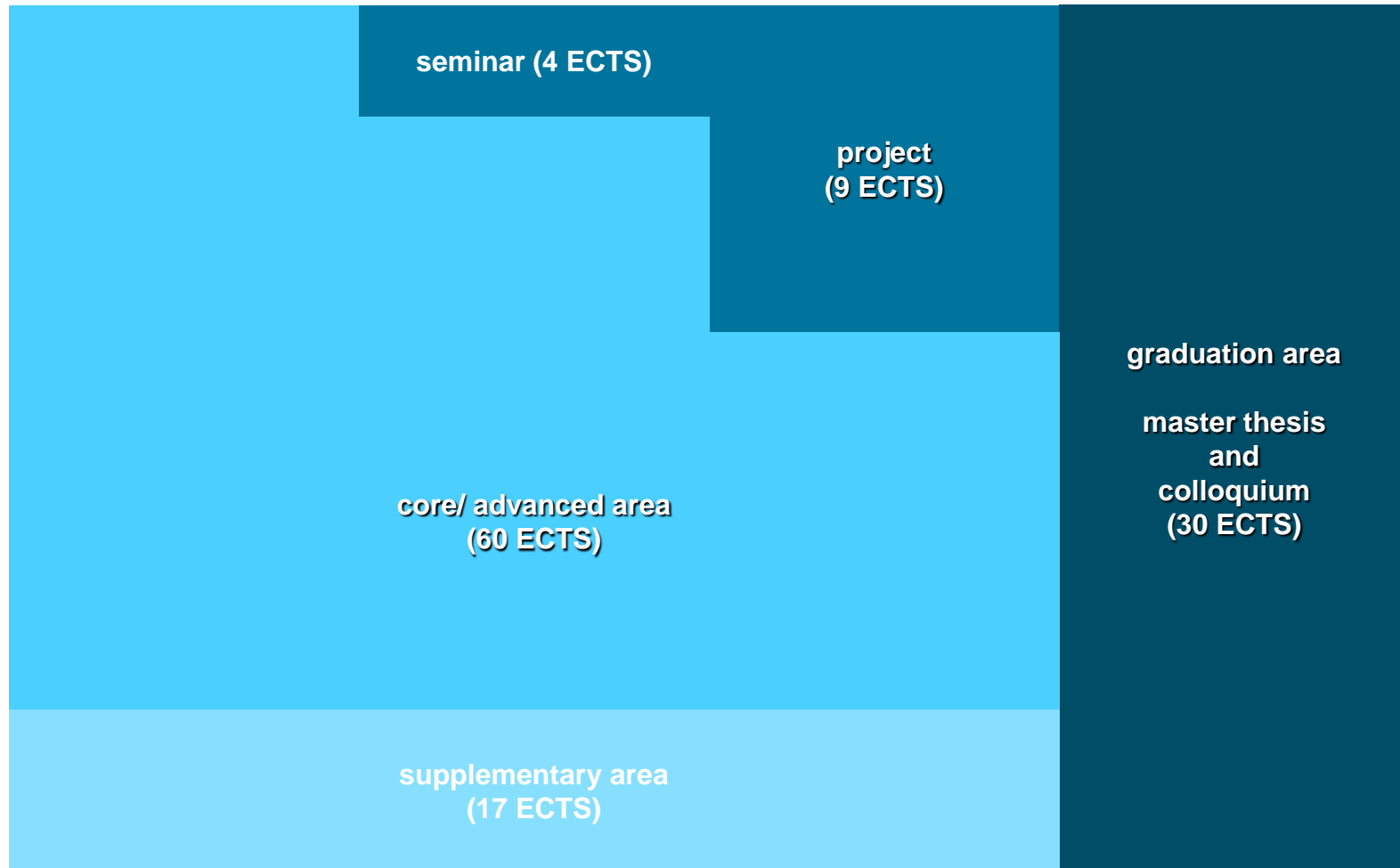
- 120

Language

- English



# M.Sc. Computer and Information Science at a glance



# Admission requirements

- Bachelor in Computer Science, Information Engineering or any relevant subject
- Sufficient grade: good or better ( $>2.5$ )
- Letter of recommendation
- English proficiency proof: B2 (CEFR)
- GRE revised General Test\*



\* for applicants with a non-Bologna degree

# Application

**Application deadline winter semester:  
April – 15. May (Visa required)  
April – 15. June (no Visa required)**



# Application

## – Three-step-procedure:

- online registration
- online application

[www.studium.uni-konstanz.de/bewerbung/online-bewerbung/](http://www.studium.uni-konstanz.de/bewerbung/online-bewerbung/)

- send application to the University

– print out and sign the “application to admission” form

– send all required application documents to the university



### Application deadline:

Summer semester:  
15.01

Winter semester:  
15. 05 (Visa required)  
15. 06

# Career prospects

Our graduates find work in a wide variety of sectors and work areas of companies, administrations and public institutions:

- Data scientists and data analysts
- Software developers and consultants
- System designers and engineers
- Interaction designers and usability engineers



# Homepage

[www.informatik.uni-konstanz.de/en/studies/master-of-science/](http://www.informatik.uni-konstanz.de/en/studies/master-of-science/)

Department    Research    **Studies**    Service and Support    International

*Department of Computer and Information Science* > Studies > *Master of Science*

Prospective students and application

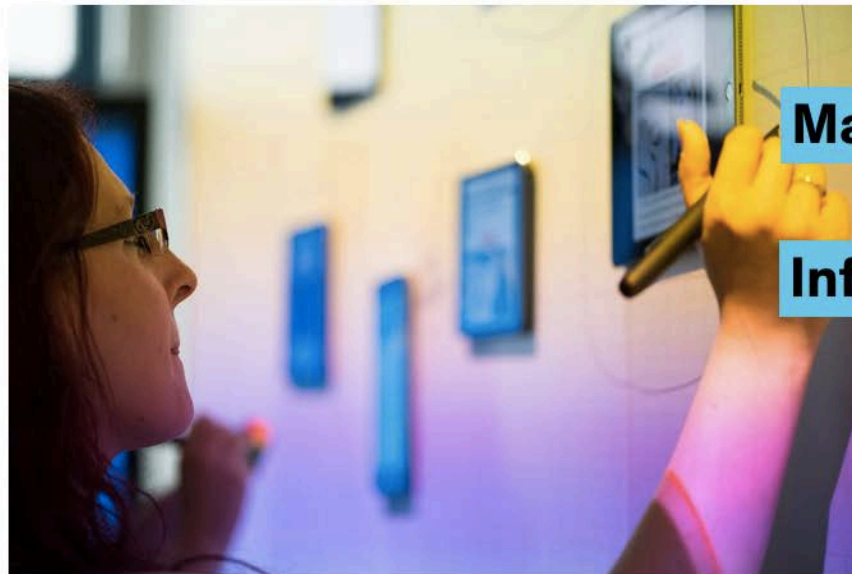
Study profiles +

New students

Courses/Modules

Mentoring Programme

Exams



## Master of Science in Computer and Information Science

An international master's programme  
entirely taught in English

[www.informatik.uni.kn/study/master-of-science/](http://www.informatik.uni.kn/study/master-of-science/)

# The Department



Powerwall



# Facts and numbers

## History

Information Science

Computer Science

Department of Computer Science

International Master programme in  
Computer and Information Science

since 1980<sup>th</sup>

since 1994

since 1999

since 2010



## Academic staff

**Professors**

15

**Scientific researchers**

ca. 90

Academic councils

2

Post-docs /PhD students

ca. 90

# Our research groups

Prof. Dr. Michael Berthold/ PD Dr. Christian Borgelt  
**Bioinformatics and Information Mining**

Prof. Dr. Falk Schreiber  
**Computational Life Sciences**

Prof. Dr. Oliver Deussen  
**Computer Graphics and Media Design**

Prof. Dr. Sven Kosub  
**Theoretical Computer Science**

Prof. Dr. Dietmar Saupe  
**Multimedia Signal Processing**

Prof. Dr. Marcel Waldvogel  
**Distributed Systems**

Prof. Dr. Bastian Goldlücke  
**Computer Vision and Image Analysis**

Prof. Dr. Tatjana Petrov  
**Modelling of Complex Self-organizing Systems**

Prof. Dr. Daniel A. Keim  
**Data Analysis and Visualisation**

Prof. Dr. Stefan Leue  
**Software Engineering**

Prof. Dr. Harald Reiterer  
**Human-Computer Interaction**

Prof. Dr. Bela Gipp  
**Information Science**

Prof. Dr. Marc Scholl / Prof. Dr. Michael Grossniklaus  
**Databases & Information Systems**

tba  
**Algorithmics**

[www.informatik.uni.kn/  
en/research/professors  
hips/](http://www.informatik.uni.kn/en/research/professors/hips/)

# Our labs and features: Powerwall



research group: Data Analysis and Visualisation

<https://www.vis.uni-konstanz.de/>

# Our labs and features: Media Room



research group: Human Computer Interaction

<http://hci.uni-konstanz.de/?a=research&b=mediaroom&language=de>

# Our labs and features: Powerbike



research group: Multimedia Signal Processing

[www.mmsp.uni-konstanz.de/research/powerbike/](http://www.mmsp.uni-konstanz.de/research/powerbike/)

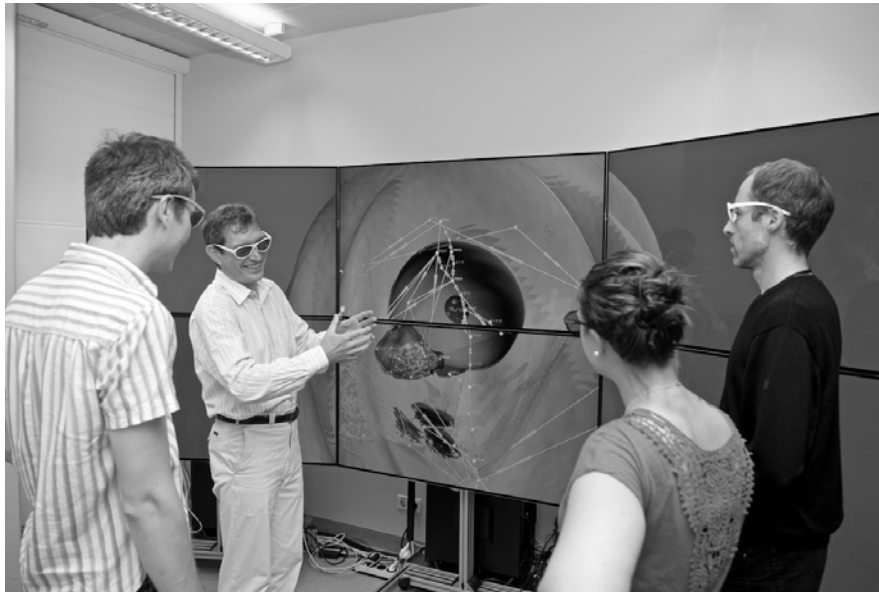
# Our labs and features: Computer Vision Lab



research group: Computer Vision and Image Analysis

[www.cvia.uni-konstanz.de/research/our-computer-vision-lab/](http://www.cvia.uni-konstanz.de/research/our-computer-vision-lab/)

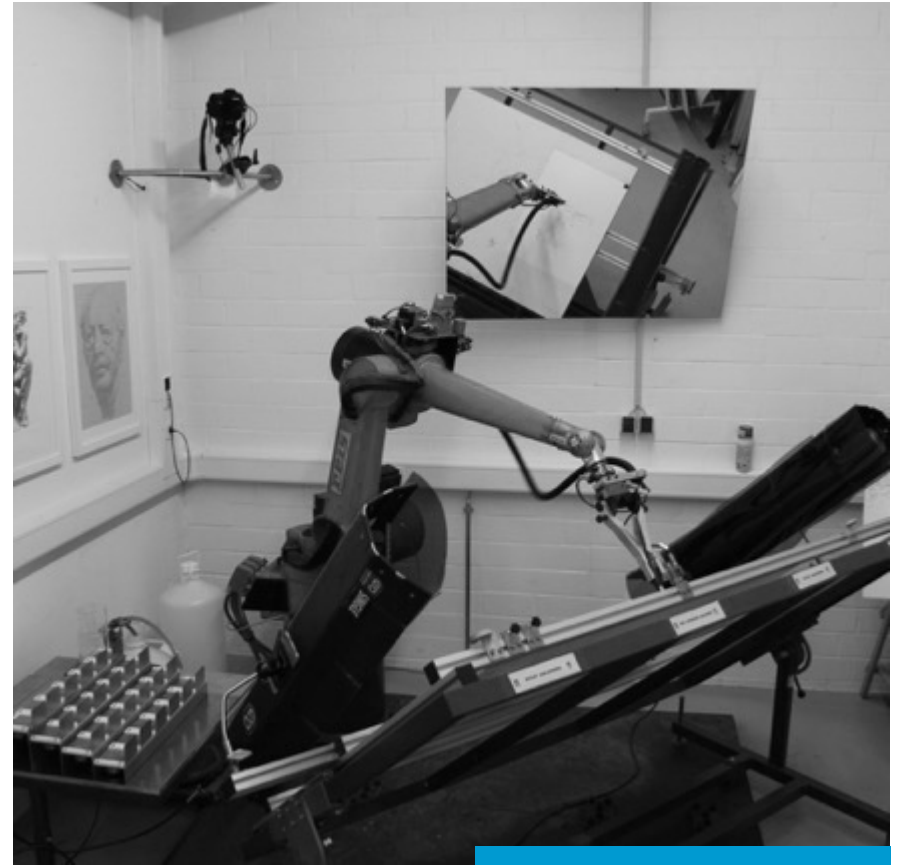
# Our labs and features: Immersive Lab



research group: Computational Life Science

<https://www.cls.uni-konstanz.de/>

# Our labs and features: e-David



research group: Computer Graphics and Media  
Design

<https://cms.uni-konstanz.de/informatik/edavid/news/>



# Our departmental events



**Christmas  
celebration**



**graduation  
ceremony**



**end of semester  
party**



**Fachschafts'  
BBQ**



# Advisory service

Need advice?

Contact

us!

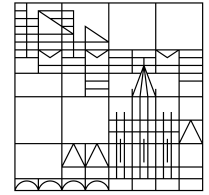


## Maria Hesse

Internationalization and  
Master Cordination

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[master.inf@uni-konstanz.de](mailto:master.inf@uni-konstanz.de)



**Thank you  
for your attention.**



# Q&A session

Universität  
Konstanz

