

Welcoming MSc E-Government Students at University Koblenz

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https://www.uni-koblenz.de/agvinf

Who we are ...



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Achim Bruchertseifer

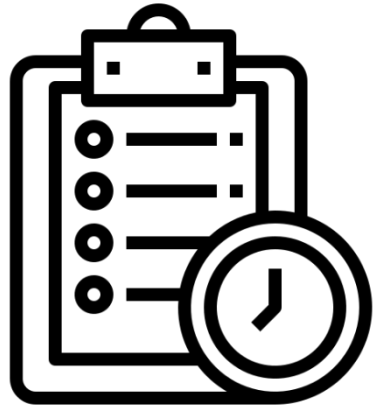
abrucher@live.uni-koblenz.de

And who are you?



Agenda

- Research Group E-Government
- Curriculum Master E-Government
- Do’s and Don'ts
- Organisational issues
- Study Navigator Ali
- Experience Reports by Achim, Alvan, Badarqa, Chester and Ryan



Research Group E-Government

Head of Research Group Electronic Government

- Prof. Dr. Maria A. Wimmer



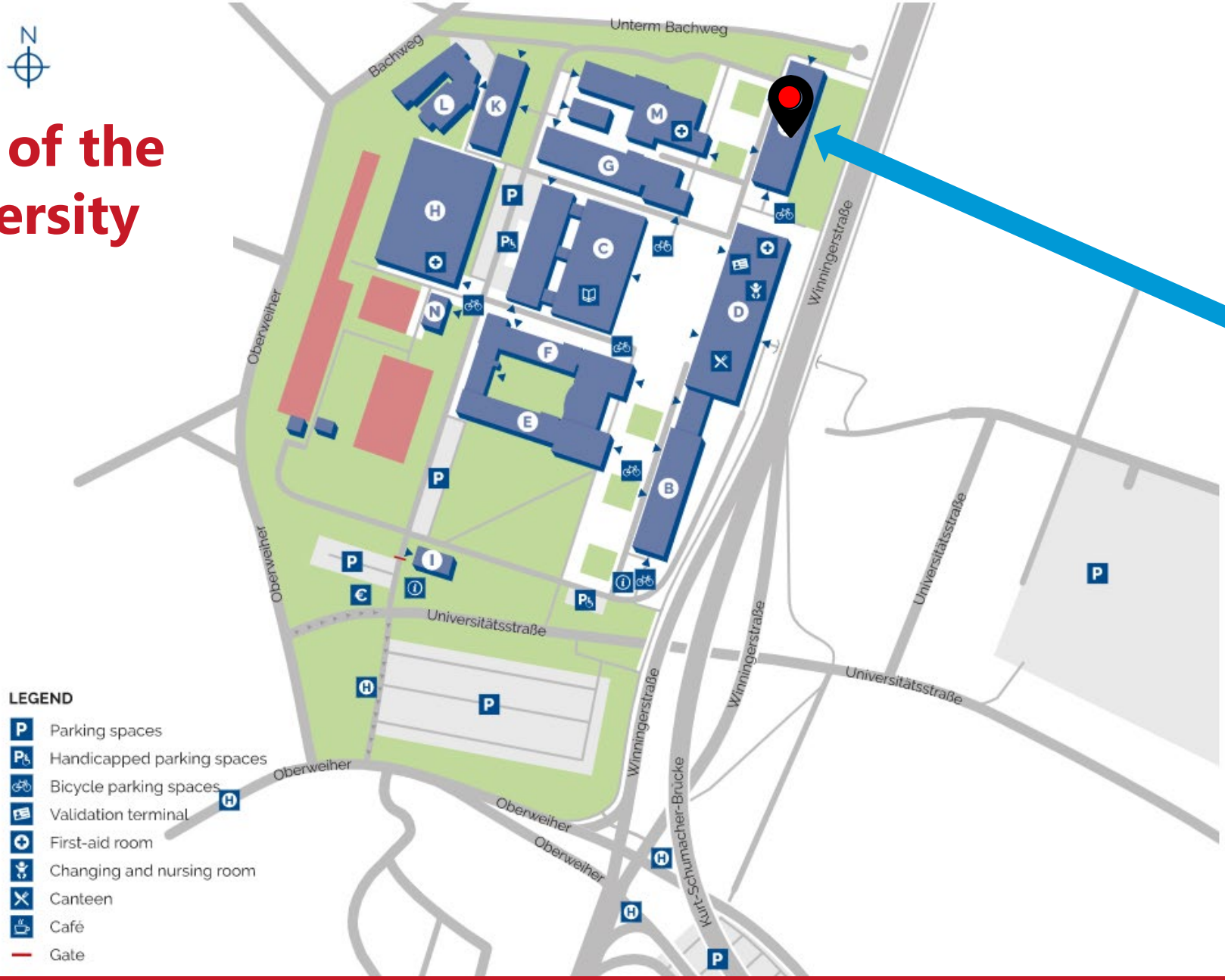
Part of Faculty 4: Computer Science

Part of Institute for Information Systems Research

- Research Group Process Science (Prof. Dr. Delfmann)
- Research Group IT-Security and Data Security (Prof. Dr. Mauthe)
- Research Group Information Systems and Smart Data (Prof. Dr. Riehle)
- Research Group Business Software (Prof. Dr. Schubert)
- Research Group Electronic (E-) Government (Prof. Dr. Wimmer)



Map of the University



You will find our offices here!

You want / need to talk to us? Note that we do not have fixed consultation hours. Drop us an e-mail for an appointment.

Team of the Research Group E-Government

Chair: Prof. Dr. Maria A. Wimmer

Secretariat: Nicole Heinzen

Hon.-Prof.: Dr. habil Andreas Engel

Student staff:

Asel Albalkhi
Absham Ali
Björn Alisch
Achim Bruchertseifer
Rodi Dizin
Riya Lenz
Alvan Rahimli
Simon Rasbach
Ali Siahi
Jan Zimmermann

Scientific staff:

Ali AlMasri
Kim Ballmes
Sankalp Biyani (starts soon)
Anchal Dua
Matthias Hartmann
Dr. Ulf Lotzmann
Richard Luks
Cedric Pauken
Philipp Räder
Florian Rieder
Andreas Schmitz
Jessica Schumacher
Dr. Vera Spitzer
Behruz Valizoda
NN 1
NN 2

Technical staff:

Jonas Gräf



Research in the RG E-Government

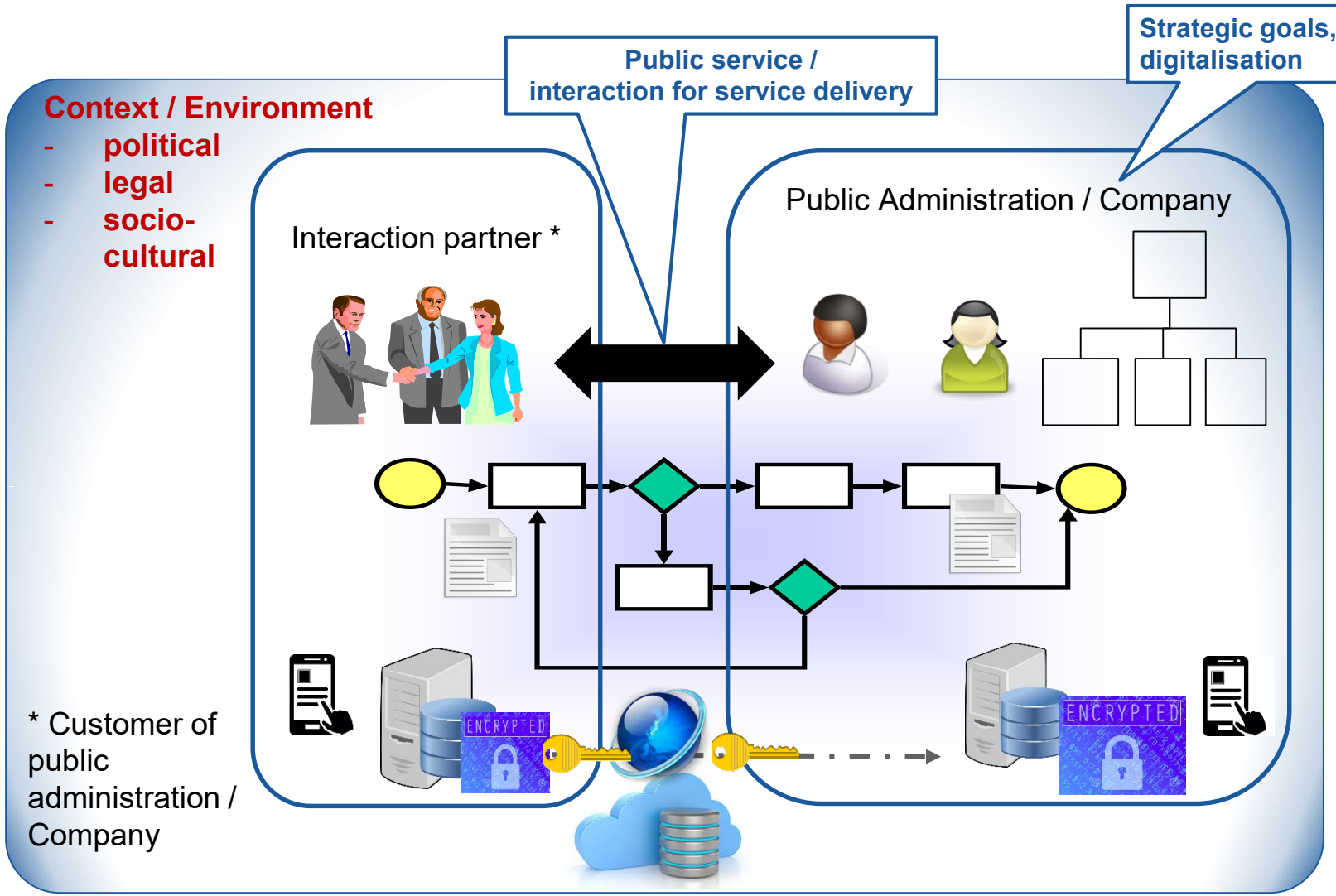
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Digitalization and
Digital Transformation in the public sector:
E-Government, E-Participation,
Open Government, Policy Modelling and
Good Governance from different perspectives
using design science research
and empirical research



© http://www.smartcitiesworld.net/AcuCustom/Sitename/DAM/013/digital_government_Adobe_rt.jpg

Holistic view on public sector information systems



Holistic view:

Humans & Organisation

Processes

Data / Information

Secure ICT and communication networks

(Wimmer 2021)

Considerable number of funded research projects



Current and past research projects

PEPPOL Pan-European Public Procurement Online

Brite

ESPDint

Evaluation KI in DE-Marktplatz

INTERPLAT Public procurement Interoperability

1 TOOP | providing data once-only.eu

R4eGov

eGov LivingL@b

University of Koblenz Computer Science

TALOS Digital Entrepreneurship in STEM Education enabled by Artificial Intelligence

COVID and AI

SENS | moving services forward.eu

ifloat invoicing for local authorities

INTERPROC

Registermodernisierung

EA Training 2.0

European Commission

Studies for ISA²

INSPIRE

TWINNING

Potential For European Digital Identity — Co-funded by the European Union

Peppol

LBM Landesbetrieb Mobilität Rheinland-Pfalz

FITKO

Digitalisierung der Beschaffung

NextGen LBM

cen European Committee for Standardization

eGovCAMPUS

EG-DAS

KOOP-DAS

nola

5G

SWIA Smartes Wohnen im Alter

SWIA-Taxco

KoMePol

Drone: establish

BKS-Portal.rlp Portal für den Brand- und Katastrophenschutz

egosta VCD eGovernment-Stakeholder-Beteiligung

COVID and AI

Evaluation CC KI in RLP

E Democracy

Landkreis Cochem-Zell

LEX-IS

DEM-net The eParticipation Network

VoicE

Voice

Erfolgsfaktoren lokaler E-Partizipation

Linz Bunte Stadt am Rhein

MYK Smarte Region

KOBLENZ VERBINDET.

DiTKo

DATA 2 HEALTH

MOMENTUM

eGovPoliNet The Policy Community

eGov RTD 2020

GOV 3.0

OCOPOMO | Open COllaboration for POlicy MOdelling

SCOOP4C STAKEHOLDER COMMUNITY FOR ONCE-ONLY PRINCIPLE

CROSSROAD A Participative Roadmap for ICT Research in Electronic Governance and Policy Modelling

M.Sc. E-Government Study Programme

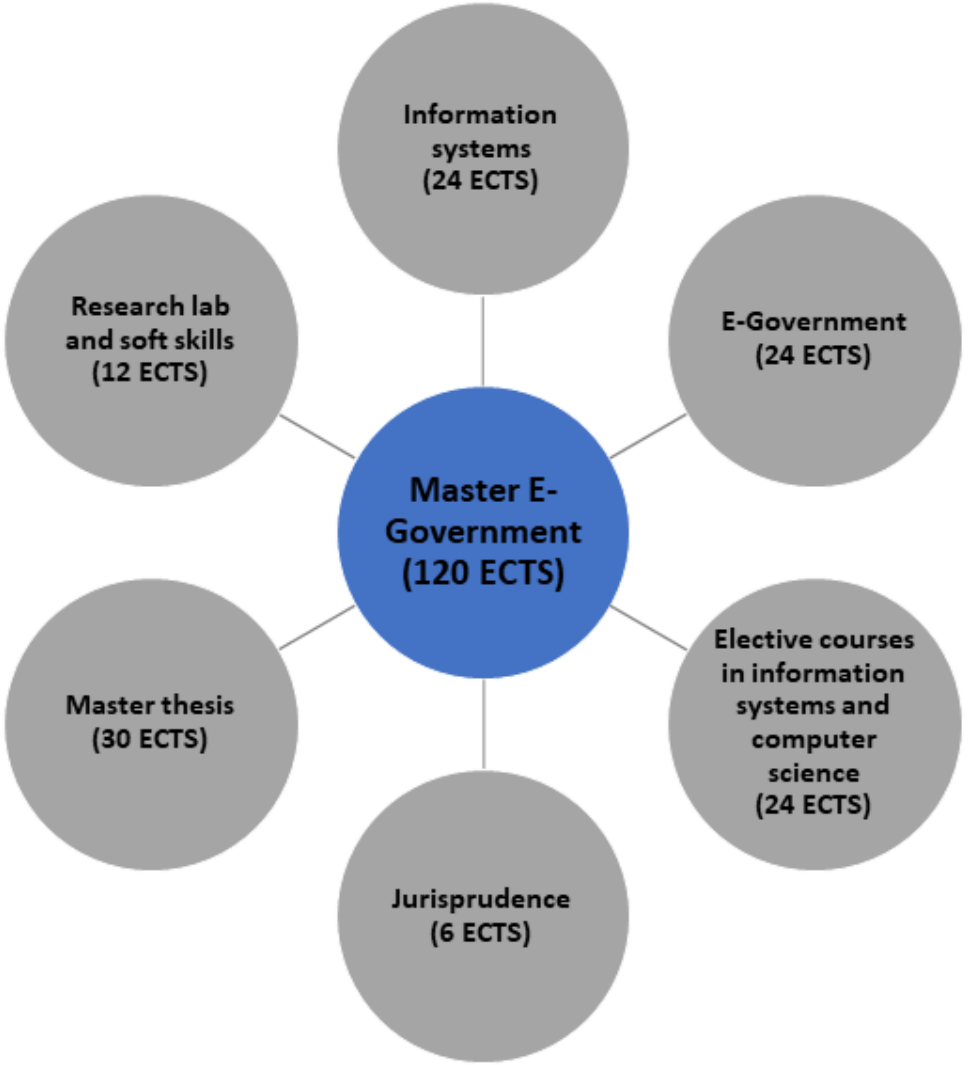


Objectives of Study Programme

- Use of information and communication technology (ICT) in the public sector
- Skills and knowledge for public sector modernization and digital transformation through holistic analysis, design and implementation of information systems in the public sector, including stakeholder engagement
- Analysis of the benefits of ICT for government and administration in the interaction with business and society
- Methods and techniques for holistic design of information systems



Structure of the programme



Curriculum (1/2)

Term	Information Systems 24 ECTS	E-Government 24 ECTS	Electives Inform. Systems & Computer Sc. 24 ECTS	Jurisprudence 6 ECTS	Research Lab & Soft Skills 12 ECTS	Master Thesis 30 ECTS	Total
1 Winter	• *Risk Management in Distributed Environments*** • *Workflow Management***	• *E-Participation* • *New Public Management (Lecture, German)*[2]	• Choose one elective module	• Introduction to E-Govern-ment[4] *(Intern)* • Media laws[3] *(German)*	Scientific Working and Writing[5]		30 / 32
2 Summer	• Enterprise Architecture* • Research Methods* • *Business Software*** * 2 Mandatory ** *2 out of 3 Mandatory*	• *Public Governance and Open Government* • Policy Analysis and Modelling[1] *(Internationals)* • *NPM (Seminar, G)*[2] 4 Mandatory [1] for Internationals [2] for German students	• Choose one elective module (Internationals) 4 Electives	• International business law[3] *(Germans)* Mandatory [3] for German students [4] for Internationals	Mandatory [5] for German students Team und Führungstraining; for Internationals Scientific Writing		30

Curriculum (2/2)

Term	Information Systems 24 ECTS	E-Government 24 ECTS	Elective Courses Inform. Systems & Computer Science 24 ECTS	Jurisprudence 6 ECTS	Research Lab & Soft Skills 12 ECTS	Master Thesis 30 ECTS	Total ECTS
3 Winter	• *Risk Management in distributed environments*** • *Workflow Management***	• Aplications to E-Government	• *Choose two elective modules* (Recommendation: Independent Research paper as one module)		• Research lab		30 / 28
4 Summer						Thesis, colloquium	30
	*** 2 out of 3 Mandatory*	4 Mandatory	4 Electives	Mandatory			

Elective courses Information Systems and Computer Science
- An overview …

- Introduction to Web Science
- Machine Learning and Data Mining
- Data Visualization
- Smart Process Analytics
- Semantic Web
- Artificial Intelligence
- Business Process Management
- Special Topics: IT-Management
- Big Data
- Mining Software Repositories
- Automated Reasoning and Knowledge Representation

- … and many more offers from the Information Systems Research and Computer Science Institutes, but not from Management and Economics

Caution: no elective courses from Management in the Study Program



Please note: *elective courses from Management/Economics/Entrepreneurship may be taken by your interest, but these* ***ARE NOT PART OF YOUR CURRICULUM AND DO NOT COUNT*** *in the curriculum's elective part!*

Examination Regulations

Examination regulations, Examination board and office (since October 2025)

Examination regulations have changed in October 2025. Note: ”insights” from students who enrolled in previous years may be different, however the „new“ examination regulations apply to all students

New examination regulation („Rahmenprüfungsordnung“): Umbrella regulations for all study programs of the University; Specific regulations for each study program (yet to be settled – currently, the attachment to the existing examination by-laws of the Faculty of Computer Science for the study program applies)

Examination board: „Umbrella“ examination by-laws („Rahmenprüfungsordnung“) joint board for all study programs of the University consisting of professors, students, academic members of staff, professional services staff

Examination office (Hochschulprüfungsamt): Your main point of contact regarding formal examination questions, reporting illness, getting approval of etc.

Umbrella examination regulations
Number of trials per module

- **Repeating exams:**
  - You can repeat an exam a maximum of 2 times (i.e. you have three trials for a module)
  - After the first fail, you may request an oral supplementary examination. The grade can at max be improved to 4.0 (pass)

- **Failing an elective module:** If you fail an elective module (Wahlpflichtmodul), you can attempt completing another elective module. However, you have to inform the examination office that the examination in that elective module is a repeating exam attempt of the elective module that you have failed before. This means that you have only two attempts to repeat the exam (including oral assessment) across various elective modules
  - Example: in the module group „Information Systems“ you need to take two out of three modules
    - *Risk Management in Distributed Environments*
    - *Workflow Management*
    - *Business Software*
  - *If you decide to take Risk Management and Business Software, and you fail in Business Software, and if you then decide to take Workflow Management instead, you need to declare to the examination office that you now take Workflow Management as the second mandatory module. Hence the first attempt in Business Software is transferred from Business Software to Workflow Management.*

NEW Regulations: Examination registration

Note that in some modules, you have to complete coursework, referred to as *Studienleistung*, before you are eligible to sit in the exam

- Admission requirements are comunicated at the kick-off class of a module (e.g. lecture)
- You need to have them fulfilled in order to sit in the exam

Exam registration is handled via KLIPS, usually starting in the second half of the semester. For seminars or research lab participation, you might be asked to register for assessment at the start of the semester.

Do not confuse exam registration with module enrolment!!! – both are handled via KLIPS

- Enrolment to lectures and exercises or other lecture types is at the beginning of the semester to register to the courses before the lectures or exercises start
- Exam registration is for the examination of the module according to the exam by-laws. It is requested along the semester and within the courses you take

Disadvantage circumstances

Such issues are any circumstances outside your control that impact your performance in an assessment (health, psychological)
These need to be evidenced by medical attestation and need to be applied to via the examination office to be formally recognized.

If formally recognised, you might benefit from:

- Extension of exam time
- Techical aids, e.g., use of computer as a writing aid
- Exam assistance
- Change of exam format, e.g., from written to oral or vice versa
- Use of a separate exam room under supervision

Consult: https://www.studierendenwerk-koblenz.de/de/beratung/beratungsfelder1/studieren-mit-handicap

Note on legal binding of by-laws

Please note that only the German version of the examination by-laws are formally, i.e.legally, binding. The english translations are for your easier understanding but are not formally binding.

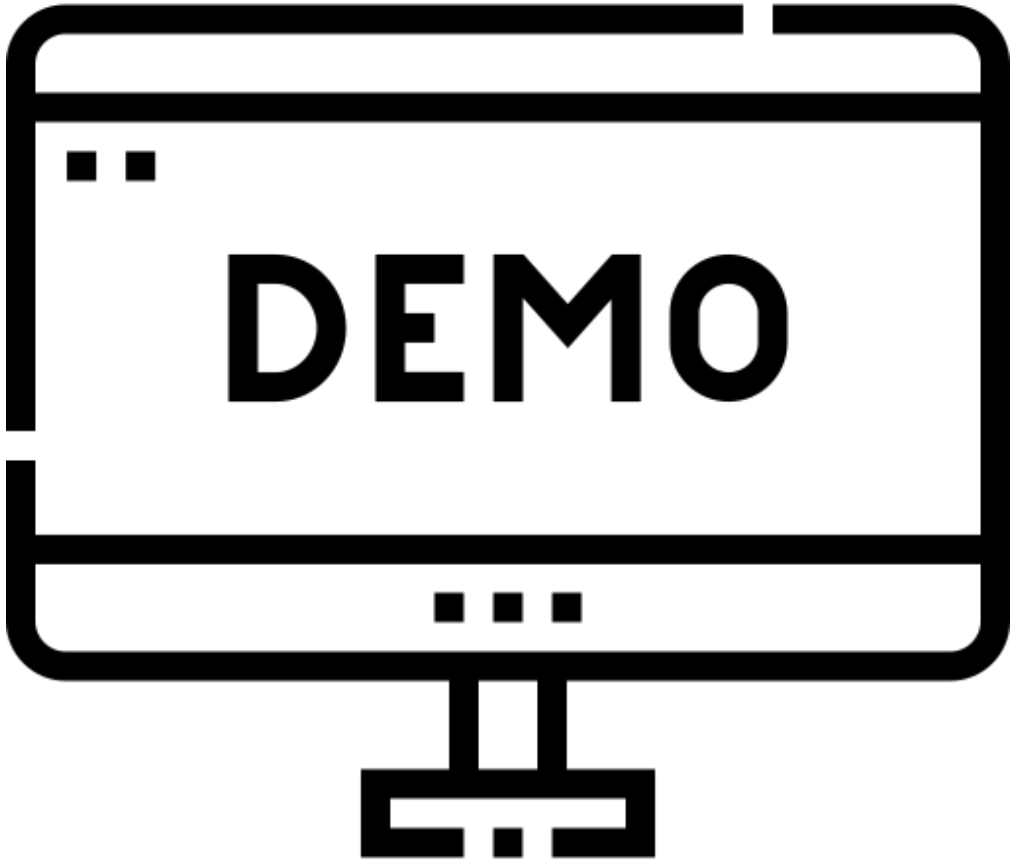
How to get the admission requirements done?

Admission requirements
What to do to fulfill the admission requirements?

- Students may have admission requirements to compensate lack of competencies from the Bachelors in particular fields (max 30 ECTS is possible)
  - Admission requirements must be fulfilled „within the first year“

- Admission requirements in RG E-Government
  - Systems Analysis
    - Register to the english materials for the lecture in openOLAT: https://olat.vcrp.de/auth/RepositoryEntry/4548625395/ Code: MSc-E-Gov_AdmRequ
    - Self-study of contents
    - Oral exam to Prof. Wimmer – ask for exam appointment per E-Mail
    - No registration in Klips., but bring your admission requirements sheet to the exam
  - Proseminar – register to the scientific working and write an extended seminar paper (approx. 5000 words)

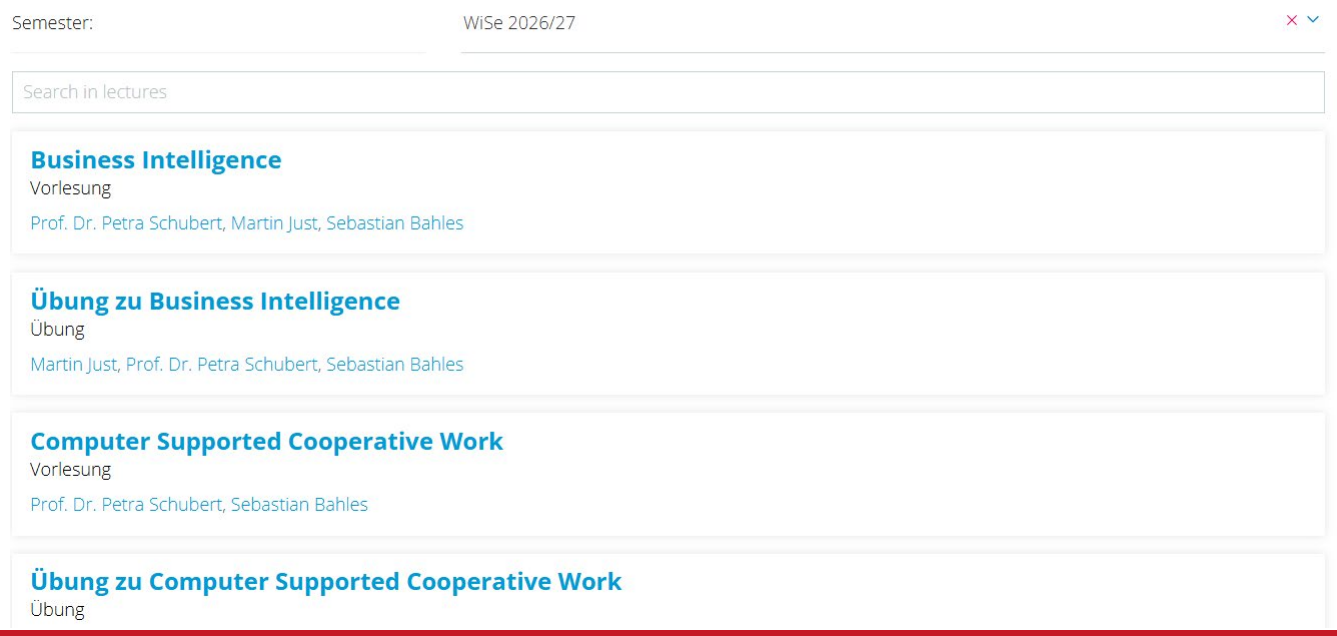
Lectures in KLIPS available (Winter term)



Course Advices

- Please check the course requirements in KLIPS as well as detailed information on lecturers' websites

Preview of Courses at the Institute https://www.uni-koblenz.de/en/computer-science/iwvi/preview-of-courses-at-the-institute



Examination types

- Written assignment or seminar paper with presentation
- Written exams (Klausur)
- Oral exam
- Project handbook and Presentation for research lab



Requirements and scope for each examination is explained in the kick-off of the lecture/exercise/seminar. We highly recommend to always attend the first classes.

Master Thesis

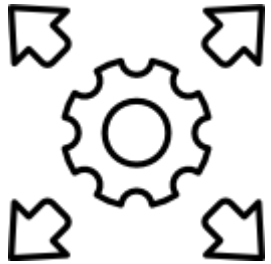
- Several topics along research domain E-Government
  - With research project context
  - Linked to lectures
  - Own proposals

- 6 months full scope of work
  - Workload: approx. 900 hrs for 30 ECTS
    (Thesis 27 ECTS & Colloquium 3 ECTS)



Organisational Issues

- Familiarize yourself with KLIPS, OLAT, SOGO and any other tools that may be used along teaching – e.g. connecting your laptop to the data projector or screen for presentations
- Create your study plan and register for classes
- Connect with your classmates and form groups for team works in classes
- Required technical equipment: laptop with HDMI port



List of links

- KLIPS: https://klips.uni-koblenz.de/qisserver/rds?state=user&type=0
- SOGo: https://sogo.uni-koblenz.de/SOGo/so/
- OLAT: https://olat.vcrp.de/dmz/
- BBB: https://bbb.uni-koblenz.de/b/
- Website of the Research Group E-Government and its teaching offers: https://www.uni-koblenz.de/agvinf/



Wishing you great success in your Master Studies!!!
Any questions?

{ wimmer | vesp91 }@uni-koblenz.de
https://www.uni-koblenz.de/agvinf

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YOUR E-GOVERNMENT JOURNEY

Welcome to the University of Koblenz

E-Government Research Group



20.10.2026

Agenda: Guide, Students' Perspective

Practical advice, suggestions and guide for your studies and successful stay

1. Chester Owusu-Ansah Essel(chester.essel@uni-Koblenz.de): Introduction
2. Badarqa Naveed(bnaveed@uni-koblenz.de): Inside and beyond the degree
3. Ryan Thayer(rthayer@uni-koblenz.de): Study habits and academic standards
4. Alvan Rahimli(arahimli@uni-koblenz.de): University services and working together
5. Achim Bruchertseifer(abrucher@live.uni-koblenz.de): Digital tools(writing, research and collaboration)

Badarqa Naveed

Studying E-Government

How to approach the programme not another overview of modules.

INSIDE THE DEGREE

Explore before specializing

Use your modules to discover whether you enjoy policy, processes, technology or management.
Try: Which real-world questions interest you most.

Start with the root cause

Before proposing an app or digital tool, ask who faces the problem and why the process fails.
Ask: Is the barrier technology, rules, access or workflow?

Connect theory to reality

Relate concepts from class to real services: appointments, forms, information flow and access.
Example: Why must citizens submit the same data twice?

Think about your contribution

Your perspective can help shape simpler, more accessible and citizen-friendly German public services.

GOAL: Improve the service, not merely digitize the paperwork

Life beyond the degree

OUTSIDE THE CLASSROOM

Small, consistent steps help you find opportunities and a sense of belonging.

01

Work and experience

HiWi or Werkstudent roles, internships, volunteering and university projects

MY EXAMPLE: Volunteering opened a path to student work.

02

Help and deadlines

Ask IRO, student services and senior students. Track the next action and deadline.

TIP: Ask early and check for deadlines.

03

Skills and belonging

Practice German, join campus activities and build confidence with others.

REMEMBER: Progress comes from small, consistent steps.

04

Handle challenges step by step

Housing, paperwork, health insurance, finances and language can feel overwhelming. Prioritize.

TRY: List the next action, deadline and right contact.

RYAN THAYER / ACADEMIC PERIOD

Habits to build for academic success

Take part in every class

Show up, learn actively and pay attention to detail.

Find your motivation

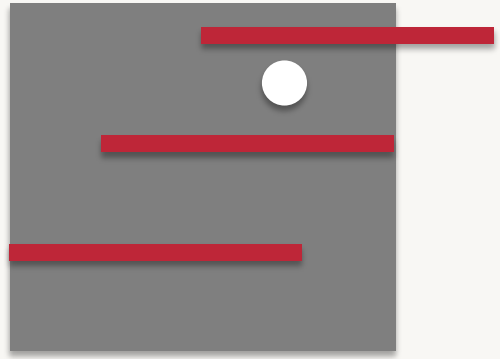
Connect the subject to what you want to understand or contribute.

Set realistic expectations

Appreciate Germany and the experience of a new culture.

Best Practices

- Pay attention to details
- Build interest in the field
- Set clear achievable expectations and goals



RYAN THAYER / ACADEMIC PRACTICE

Academic standards and presentations

Your work should show your understanding and support the claims you make.

01
Academic Rigor (Code of Conduct (DFG, 2024)

- Professional ethics (Guideline 2)
- Sound research design (Guideline 9)
- Clear documentation (Guideline 12)

02
AI Usage

- Lecturers and peers notice AI writing.
- Ai is a supporting tool, not critical thinking and writing replacement.
- Square peg, round hole
- Declare AI Use

03
Presentations

- Speak loudly to everyone.
- Memorise talking points.
- Rehearse with a timer.
- Scientifically justify each claim.
- Learn from lecturers

Uni Koblenz AI traffic light system
(University of Koblenz, 2026)

- **Red** — No AI permitted
- **Yellow** — Limited, supporting uses
- **Green** — Permitted within a framework

Deutsche Forschungsgemeinschaft. (2024). *Guidelines for safeguarding good research practice: Code of conduct* (Version 1.2). https://doi.org/10.5281/zenodo.3923601

University of Koblenz. (2026). *Traffic light system for the use of generative AI systems in the examination context*. https://www.uni-koblenz.de/en/artificial-intelligence-at-the-university-of-koblenz/ai-in-academics-and-teaching/traffic-light-system-for-the-use-of-generative-ai-systems-in-the-examination-context

ALVAN RAHIMLI / UNIVERSITY SERVICES

University services for daily study

University services cover many everyday tasks without buying extra software.

Files and shared writing

Nextcloud, file sharing and collaborative editing with OnlyOffice

Communication and courses

Mail, calendar and contacts with SOGo. Course materials in OpenOLAT.

Meetings and remote access

Video conferencing and the university VPN

ALVAN RAHIMLI / GROUP WORK AND EXAM PREPARATION

Working and learning together

Understanding the material makes collaboration and oral exams easier.

01

Group work and Exams Tips

- Choose members carefully.
- Agree on leadership and share the workload fairly.
- Ethics of **oral exams** and **presentations**.
- Remembering VS Knowing the topics.

02

Exams and reading

Know the basics of IT

- Enterprise architecture, programming, networking, cybersecurity.
- Essential Concepts in E-Gov

Reading additional materials

- Check the references on slides.
- Skim-through specification documents to form an idea of what/how they deal with issues.

03

Beyond the course

OSOR Events (link)

FOSDEM (link)

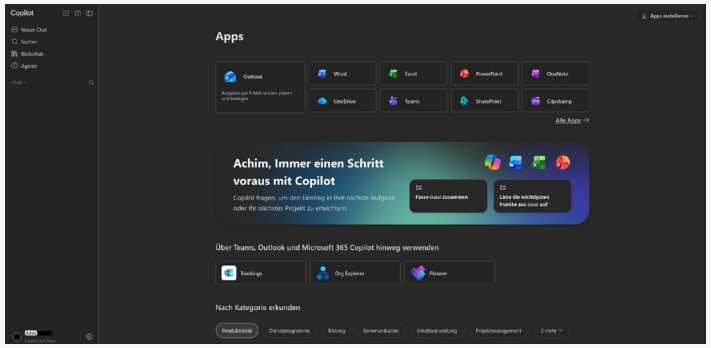
Talks, forums, videos, news, etc.

Personal interest

And much more..

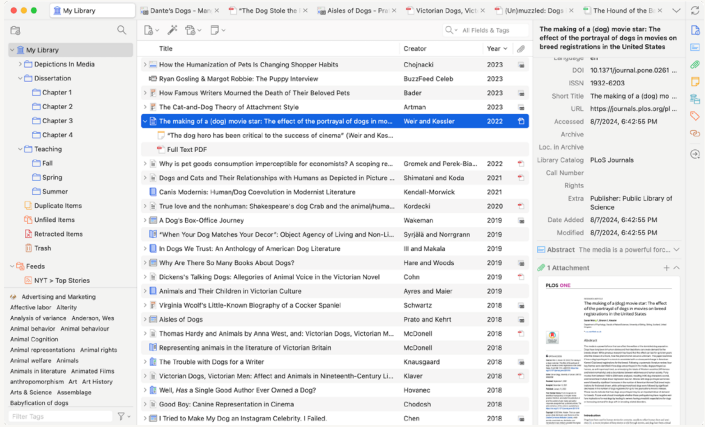
Tools for writing and research

Choose tools that fit the task, your course requirements and the data.



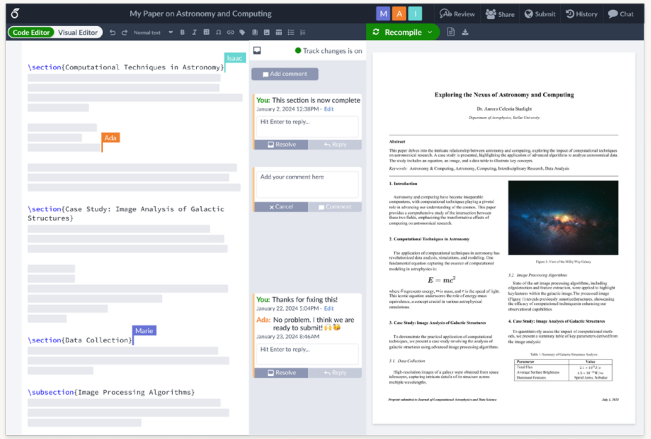
Microsoft 365

Apply through the university. Use your @live.uni-koblenz.de account.



Zotero

Organize sources and create citations. Check imported records.

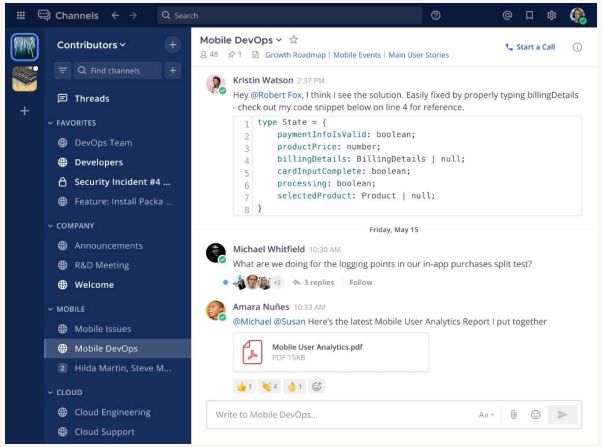


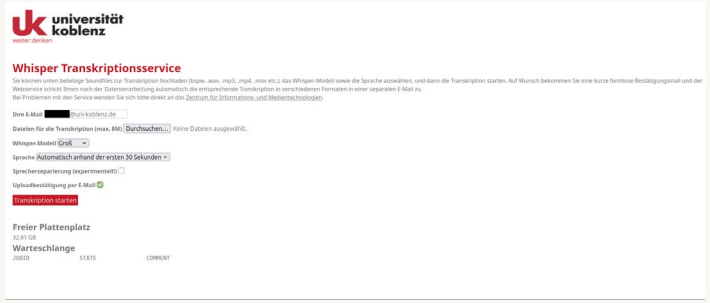
LaTeX and Overleaf

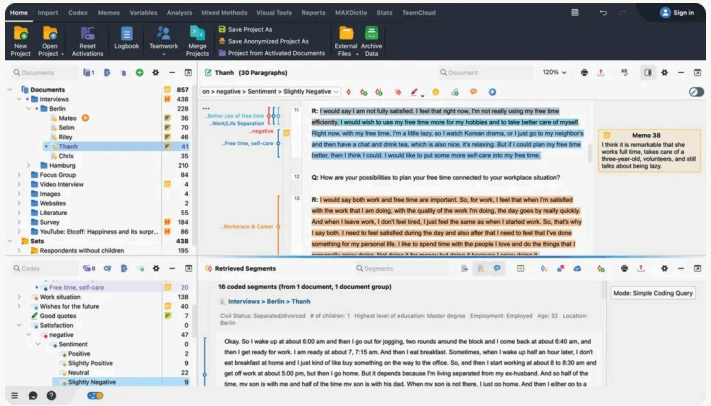
Collaborative writing at tex.uni-koblenz.de.

Tools for projects and research

Check access and data handling before starting a project.







Mattermost

Team chat, channels and file sharing, with conferencing support.

Whisper

Audio-to-text transcription through the university service.

MAXQDA

Quantitative and Qualitative analysis and coding. Ask teaching staff about access.

LINKS TO SOURCES

University services and research tools

Clickable access pages, guidance and product resources

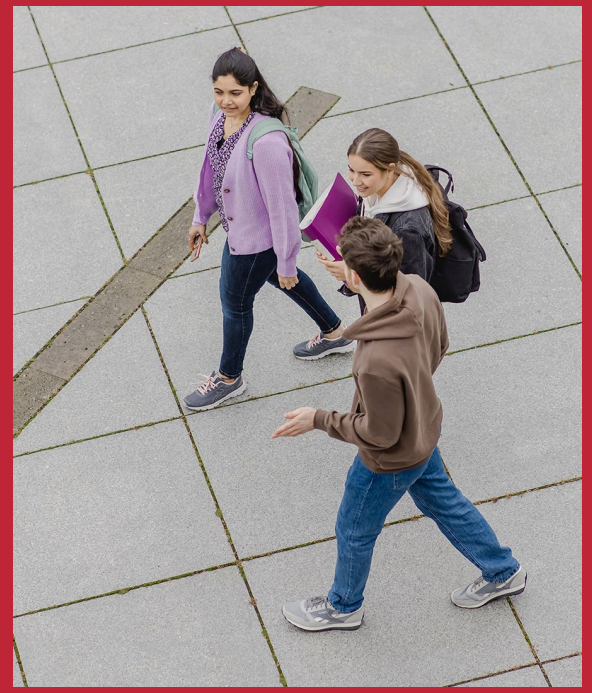
Microsoft 365	University account and licence guidance
Zotero	University library training and support
LaTeX and Overleaf	University Overleaf instance
Mattermost	University access instructions
Whisper	University service information
MAXQDA	Qualitative analysis software

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YOUR NEXT CHAPTER BEGINS HERE.

Any Questions?

Welcome to Koblenz.



- ***Contributor Credits:*** *Badarqa Naveed, Ryan Thayer, Alvan Rahimli, Achim Bruchertseifer*
- ***PowerPoint Design And Development:*** *Chester Owusu-Ansah Essel*
- ***Presentation template Credit:*** *Chester Owusu-Ansah Essel with the aid of ChatGPT (supplied details of colours to use in addition to university colours and template concept and further refined the template to desired preference, inserted pictures, university and department logo).*
- ***Image Credit:*** *Original campus photographs embedded in school pptx template, screenshots from contributors personal computer screens.*

Acknowledgements
Special thank you to Prof. Dr. Maria A. Wimmer and Dr. Vera Spitzer for inviting us, as senior students, to share our experiences and support in welcoming the winter 2026 batch of E-Government students.