Information Session: Master’s Programme Multilingual Technologies

Joint study programme of University of Vienna and University of Applied Sciences FH Campus Wien
Presenters and student ambassadors

- Assoz. Prof. Mag. Dr. Dagmar Gromann, BSc
  - Centre for Translation Studies, University of Vienna
- Mag. Dr. Vesna Lušicky
  - Centre for Translation Studies, University of Vienna
  - Directorate of Studies
- Karin Niederreiter
  - Student, Multilingual Technologies, 3rd semester
- Julia Pardatscher
  - Student, Multilingual Technologies, 3rd semester
Outline

- Overview programmes at CTS
- Multilingual Technologies (Master’s programme):
  - Overview
  - Courses
  - Career opportunities
  - Admission: Requirements, procedure
- Extension curricula
- Students’ experience
- Q&A Session
Degree Programmes at CTS

Transcultural Communication
- Bachelor’s programme
- Bachelor of Arts
- Credits: 180 ECTS
- Standard duration: 6 semesters

Translation
- Master’s programme
- Master of Arts
- Credits: 120 ECTS
- Standard duration: 4 semesters

Multilingual Technologies
- Master’s programme
- Master of Science
- Credits: 120 ECTS
- Standard duration: 4 semesters
Multilingual Technologies (Master’s programme)
Roadmap

Objective
Career opportunities

Applying
Admission requirements, application, admission procedure

Studying
Curriculum and professional fields

Studying?
Why, where, and what?
Multilingual Technologies

- **Unique Master’s programme taught in English**

- Future-oriented *cooperation* between computer science taught at the FH Campus Wien and translation studies taught at the University of Vienna

- **Interdisciplinary programme**: first degree in computational linguistics approaches in Austria

- Classes are mostly organized in late afternoons/evenings and on Saturdays to allow for professional activities

- **Master of Science**
- 120 ECTS | 4 semesters
- Language technologies
- Software engineering
- Socio-cultural competence
- Etc.
Courses

Introduction to Computational Linguistics  
VU 6

Introduction in Machine Learning for Language Processing  
VU 6

Multilingual and Crosslingual Methods and Language Resources  
VO 4

Programming and Algorithms for Language Technologies  
VO+UE 6

Statistical Methods for Language Processing  
VU 4

Translation Technologies  
VO 4

Basics in Machine Translation  
VU 5

Information Design for Language Data  
VU 4

Information Extraction and Retrieval for Multilingual Natural Language Data  
VU 6

Machine Learning Methods for Language Processing  
VO+UE 6

Speech Technologies  
VU 6

Transcultural Communication  
VO 3

Academic Writing  
UE 5

Advanced Machine Translation  
VU 5

Human-Computer Interaction for Computational Linguists  
VU 4

Software Engineering for Language Technologies  
VU 6

Internship  
PR 10

Data Protection and Privacy for Computational Linguists  
VU 2

IT Project Management for Computational Linguists  
VU 2

Master Colloquium  
SE 4

Master's Finals  
AP 2

Master's Thesis  
MT 20

University of Vienna
FH Campus Wien
Joint courses
Career opportunities

• First practical insights in form of a professional internship (active support of both institutions for finding a suitable internship)

• Unique, first programme of this area in Austria = excellent and ample offer of internships

• Professional areas:
  • Language industry
  • Areas of computational linguistics, e. g. machine translation, dialogue systems, etc.
  • Multilingual information processing and knowledge organisation
  • Multilingual and -cultural project management in the field of computer science
  • Usability & Data Science
Admission requirements

- A Bachelor’s degree in a relevant subject (e.g. Computer Science and Digital Communications of FH Campus Wien or Transcultural Communication of the University of Vienna) as well as the following subject-specific knowledge:

**a) Basic knowledge of language technologies and technical communication:**

Fulfilled by the Bachelor’s degree program Transcultural Communication or the completion of the extension curriculum Language Technologies and Technical Communication at the CTS.

**b) Basics of computer science, basic methods and tools of software engineering:**

Fulfilled by the Bachelor’s degree program Computer Science and Digital Communications or the completion of the extension curriculum Computer Science (for students of the University of Vienna) at FH Campus Wien.
Admission procedure

• Applications can be submitted until **30th April 2024** via the [Online-Portal](#) of the FH Campus Wien

• Online application: proof of requirements (incl. English level of at least B2) and qualifications including a letter of motivation in English.
  ◦ Final transcript of records including proof of BA degree and EC can be submitted later.

• Optional interview: basic subject-specific questions and motivation in case of a large number of applicants.
Extension curricula

• An extension curriculum is a predefined module group, not a stand-alone degree programme!

• The majority of bachelor’s programmes require you to complete not only compulsory and elective courses within your own degree programme, but also extension curricula (EC).
Extension curriculum Computer Science at University of Applied Sciences FH Campus Wien

- Admission open to students of the University of Vienna (CTS)
- Limited number of admissions; available only in summer semester
- Admission requirements:
  - Student at the University of Vienna.
  - Completed STEOP (entrance and admission examination) of the Bachelor’s programme Transcultural Communication.
  - Proof of proficiency of English at level B2 according to the European Framework of Reference for Languages.
- Application deadline: **19 January 2024**
Extension curriculum Language Technologies and Technical Communication at the University of Vienna, CTS

• Admission is open to students in the Bachelor's programme of Computer Science and Digital Communications at FH Campus Wien

• This EC can be chosen by students at the University of Vienna who are NOT enrolled in the Bachelor's programme Transcultural Communication.

• Available each semester.
Further information

Website of the University of Vienna:
https://studieren.univie.ac.at/studienangebot/masterstudien/multilingual-technologies-master/

Website of the FH Campus Wien:
https://www.fh-campuswien.ac.at/studium-weiterbildung/studien-und-lehrgangsangebot/multilingual-technologies.html

Joint Podcast “10 nach 10”:
https://10nach10technikfhcampuswien.buzzsprout.com

Joint previous info session recording:
https://www.youtube.com/watch?v=A4ivhdmTKcs&t=1458s
Contact

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Application deadline for year 2024/25
1st October 2022 to 30th April 2024
Thank you for your attention!
Time for questions!