Vienna PhD School of Informatics

Social Event Oct 1, 2020

Andreas Steininger
PHD EDUCATION AT OUR FACULTY

common roof formed by
Vienna PhD School of Informatics

different ways of doing a PhD at our faculty

Doctoral Colleges
- Resilient Embedded Systems
- LogICs
- Trust in Robots
- Smart Industrial Concept!
- GCD (Geometry and Computational Design)
- SafeSecLab (Safety and Security in Industry Research)
- SecInt (Secure and Intelligent Human-Centric Digital Technologies)

Teaching Assistants
- 4 year univ contract teaching load

Research Assistants
- project contract reporting load

Self-Funded PhDs
...
VIENNA PHD SCHOOL OF INFORMATICS

Mission:
- simplify the processes, maintain a high standard in PhD education

Services (in tight cooperation with the Deans of Study Affairs):
- implement the basic curriculum common to all PhD tracks (mandatory lectures)
- organize guest lectures (selection, invitation, operation...)
- organize special courses in house (Current Trends in CS, Proposal Writing)
- maintain unified interface to the outside (webpage, PhD submissions)
- stimulate teambuilding (social events)
- provide aid to PhD students (visa, lodging, problems with supervisor,...)
- direct applications to potential supervisors, support hearings
Proficiency Exam
Free Choice, related to your PhD area
3.0 PhD School’s Guest Professor course
3.0 Philosophy of Science
3.0 Fundamental Research Methods
3.0 Career Planning
Free Choice, related to your PhD area

18 ECTS
PhD Curriculum

PhD Defense
6.0 Fundamental Courses
3.0 PhD Seminar
9.0 Area Courses
3.0 Philosophy of Science
3.0 Fundamental Research Methods
3.0 Career Planning
Admission

Course Overview
As a reminder: In total minimum 18 ECTS required

- **fundamental courses**
  - Philosophy of Science
  - Research & Career Planning for Doctoral Students
  - Fundamental Research Methods for Doctoral Students
  
  \textit{min 6 ECTS, min 1 methodology}

- **area courses**
  - PhD seminar, type 3 ECTS
  - visiting professor courses, min 3 ECTS
  - own choice of courses related to research area
  
  \textit{min 12 ECTS, at most 6 ECTS seminar or PV}

\textit{submission of plan after proficiency exam; need approval!}
Important links

- Information of the Dean’s Office about Doctoral Study Process
  https://informatics.tuwien.ac.at/study-services/doctoral-graduation/
  (currently mostly in German, English version in preparation)

- Standard Procedure for Doctoral Program at the Faculty of Informatics
  https://informatics.tuwien.ac.at/doctoral/procedure/
## Vienna PhD School of Informatics

### 2020W-2021S (2011U)

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<tr>
<th>Course Type</th>
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<th>Precon</th>
<th>Hours</th>
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<td>VU Foundations of Data and Knowledge Systems</td>
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<td>VU Introduction to Media Informatics and Visual Computing at WIT</td>
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<td>VU Foundations of Business Informatics</td>
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<td>VU Formal Methods</td>
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Fundamental courses – winter term

- **Research and Career Planning for Doctoral Students,**
course 195.098 (same course as 184.778)
  Prof. Georg Gottlob
tentative schedule: Nov 9 (start), for all information refer to course webpage:
  https://www.dbai.tuwien.ac.at/education/rcp/

- **Philosophy of Science,**
course 195.080
  Prof. Matti Tedre, University of Eastern Finland
  schedule: course start Oct 27
Area courses by Guest Professors – winter term

- All VU 3.0
  - Introduction to deontic logic: challenges, formal systems, applications
    Prof. Leendert (Leon) van der Torre, University of Luxembourg
    schedule: Oct 5 – 29, 2020

- Computer vision and image analysis of art
  Prof. David G. Stork, held full-time and visiting faculty positions at different universities incl. Boston and Stanford
  schedule: course will start in November
Current Trends in Computer Science (VU 1.5, 195.072)

- Ring lecture with talks given by the visiting professors of the current study year
- offered throughout winter and summer term
- plan is to have 4 talks in total during this study year 2020/21
- requirements for positive grade:
  Preferably students attend 4 talks, choose 3 of those for their report and give a summary of at least 2 pages for each.
  For students who can only attend 3 talks, this summary must comprise at least 3 pages for each talk.
  (The course will end after the summer term, a further combination with talks of the winter term 21/22 will not be possible.)
Defense procedure

- effective since March 1st, 2015
- for those students who announced their doctoral thesis on March 1st, 2015 or later, who enrolled in doctoral studies for the first time after March 1st, 2015
Elective courses, not to be counted for the 18 ECTS of our doctoral program

Courses on topics of scientific work, publishing and open science:

- **Kostenfreies Open-Access-Publizieren: Selbstarchivierung. Die Zweitveröffentlichung von Publikationen in Repositorien** (German) | 03 November 2020 | 10:00-11:30
- **Open access, free of charge: self-archiving. How to publish open access via a repository** (English) | 03 November 2020 | 14:00-15:30
- **Wie wird meine Forschung bewertet?** (German) | 06 November 2020 | 10:30-11:30
- **ORCID and your digital identity as a researcher** (English) | 17 November 2020 | 10:30-12:00
- **Predatory Publishing** (German) | 24 November 2020 | 10:00-11:00
- **Data management and research ethics** (English) | 09 November 2020 | 09:00-12:00 (in cooperation with the Center for Research Data Management)
- **An overview of open access publishing. Current developments and options available for researchers** | On-demand service available in German and English
- **Publishing with TU Wien Academic Press** | On-demand service available in German and English

Detailed information on content and registration -> https://www.tuwien.at/en/library/advisory-services-and-courses/courses/

Academic courses in the 2020/21 winter semester:

For the first time, TU Wien Bibliothek is offering courses in TU Wien's Transferable Skills course portfolio on the topic of 'Scientific Work':

- **VU 'Scientific Work: Publishing and Dissemination'** (English, 3 ECTS, register until 2 October, 2020; target group: Master's and PhD students)
- **SE 'Wissenschaftliches Arbeiten: Datenvizualisierung in VR und AR'** (German, 3 ECTS, register until 20 October, 2020; target group: Master's and PhD students)

Detailed information on content and registration -> https://www.tuwien.at/en/library/advisory-services-and-courses/courses/
You want to receive information about future social events

• please register here:

https://inn.tuwien.ac.at/socialevents_doctoralstudents
Thank you!