

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

...

different areas, institutes, different supervisors, ...



VIENNA PHD SCHOOL OF INFORMATICS

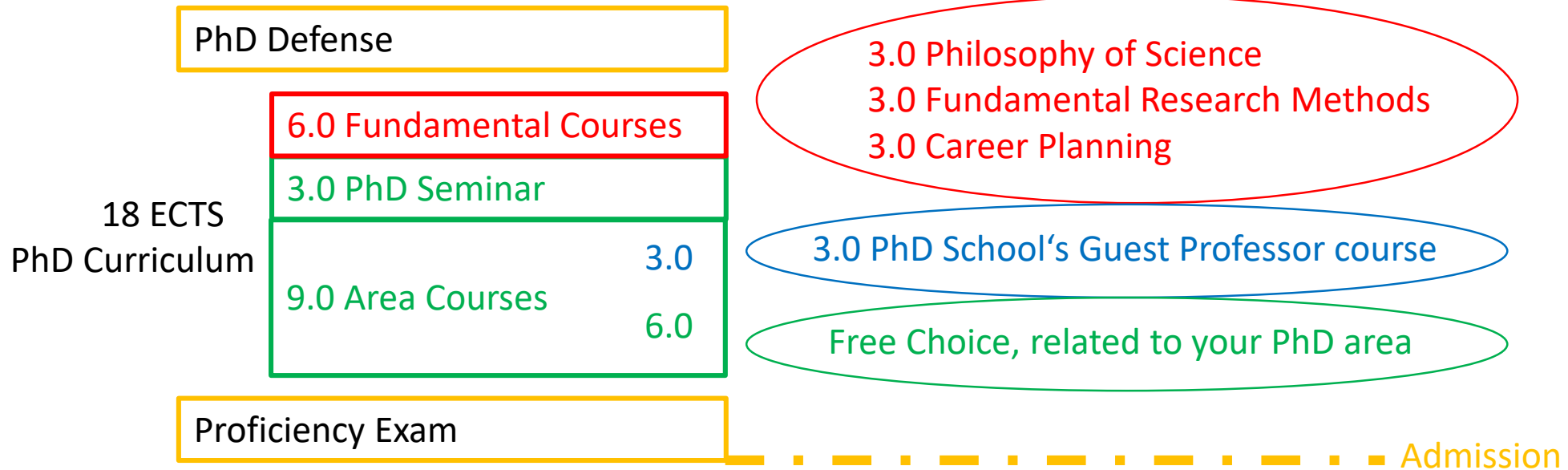
➤ **Mission:**

- ✓ 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

Course Overview



As a reminder: In total minimum 18 ECTS required

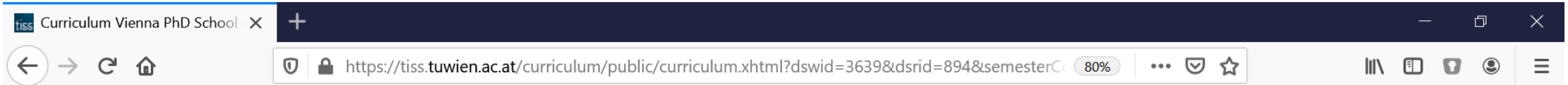
- **fundamental courses**
 - Philosophy of Science
 - Research & Career Planning for Doctoral Students
 - Fundamental Research Methods for Doctoral Students*min 6 ECTS, min 1 methodology*

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

submission of plan after proficiency exam; need approval!



- 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/>



TISS
Deutsch Help
Login

Education

Lectures

- Courses
- Academic Programs
- Offered Theses

Application for studies

Mobility Services

Rooms

- Booking Schedule

Vienna PhD School of Informatics

[Show structure](#) | [Show by semester](#)

2020W-2021S (2011U) 2020W ▾ | Show academic year

Title	Precon.	Hours	ECTS
Vienna PhD School of Informatics			
Fundamental Courses			
VU Philosophy of Science			3.0
195.080 VU 2020W DL Philosophy of Science		2.0	3.0
VU Innovation			3.0
VU Research Methods in Computer Science			3.0
VU PhD seminar			3.0
VU Fundamental research methods for doctoral students		2.0	3.0
SE Research and Career Planning for Doctoral Students		2.0	3.0
VU Research and Career Planning for Doctoral Students		2.0	3.0
195.098 VU 2020W DL Research and Career Planning for Doctoral Students		2.0	3.0
VU Being a Researcher		2.0	3.0
Area Courses			
VU PhD Primary Area Computer Engineering Introduction			3.0
VU Foundations of Data and Knowledge Systems			3.0
VU Introduction to Media Informatics and Visual Computing at VUT			3.0
VO Foundations of Business Informatics			3.0
VU Advanced Topics in Service-oriented and Cloud Computing		2.0	3.0
VU Model Checking		2.0	3.0
VU Discrete Mathematics and Probability			3.0
VU Formal Methods			3.0



- **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



- **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

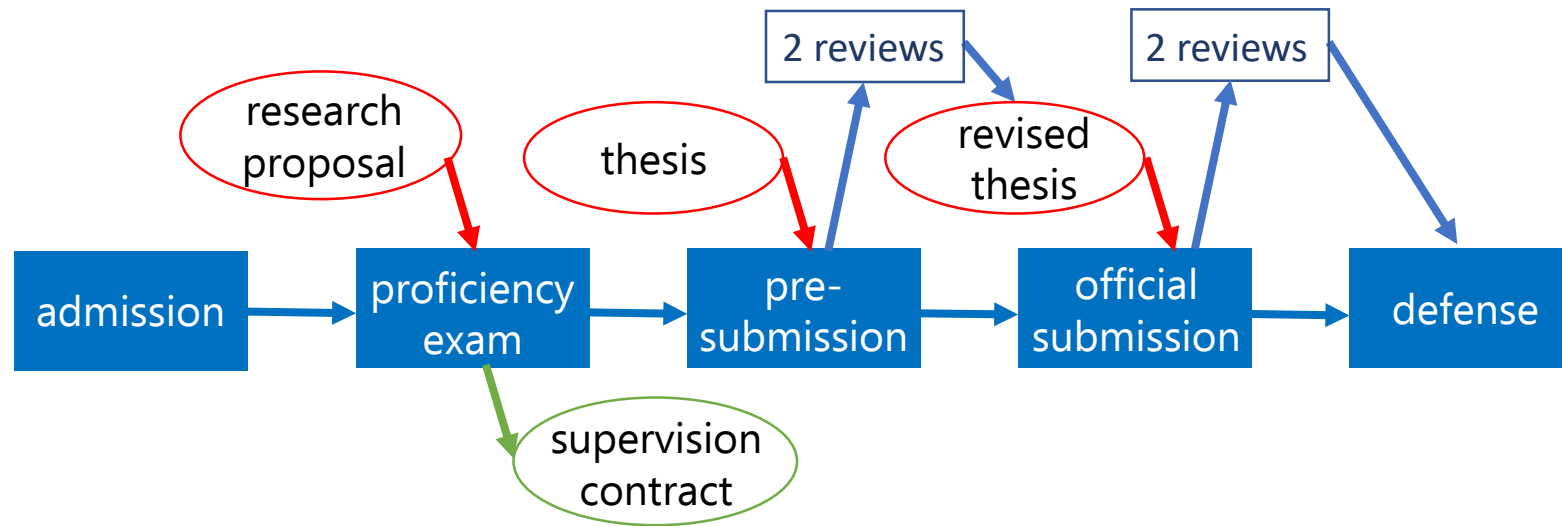
Current Trends in Computer Science (VU 1.5, 195.072)

- 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.)



- 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: Datenvisualisierung 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!