

TU Wien Informatics Doctoral School

Information Event
March 1, 2021

Andreas Steininger



common roof formed by
TU Wien Informatics Doctoral School

different ways of pursuing a doctoral degree 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, ...

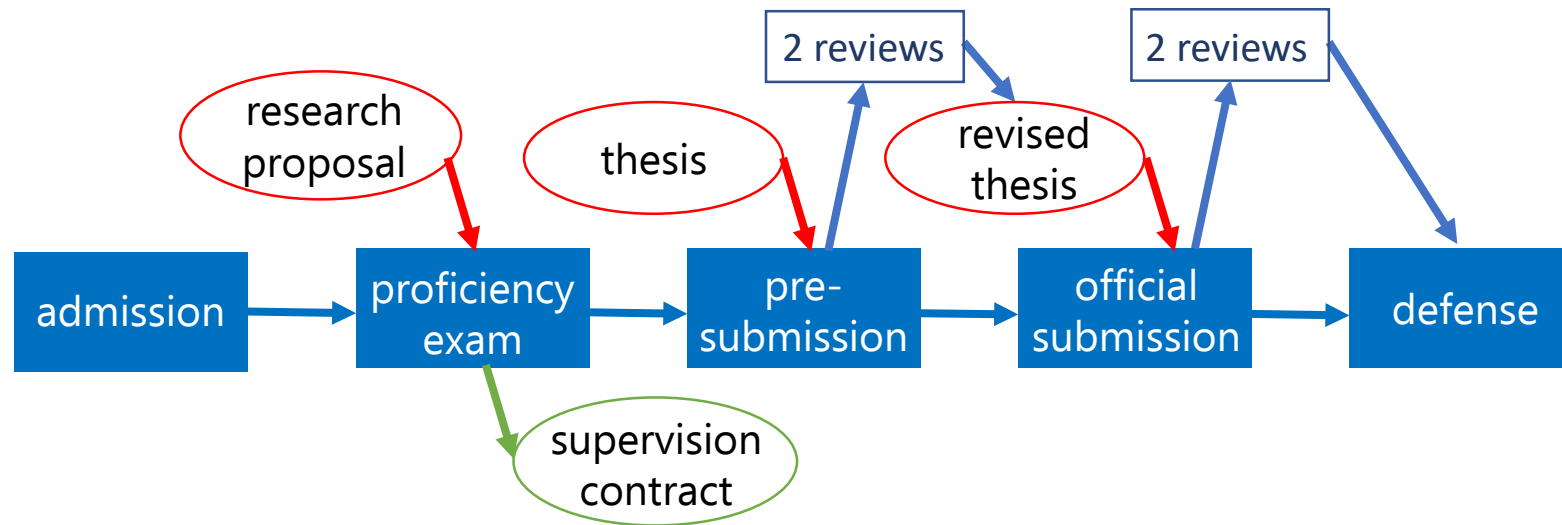
➤ **Mission:**

- ✓ ...to provide you with an environment that encourages you to contribute to technology advancement through systematic, yet creative research. Our program enables you to become an independent researcher capable of generating, pursuing, and communicating novel research ideas. To achieve this, you will be involved in research activities as soon as possible.

➤ **Services** (in tight cooperation with the Deans of Academic 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, Q&A)
- ✓ stimulate teambuilding (social events)
- ✓ provide aid to PhD students (visa, lodging, problems with supervisor,...)

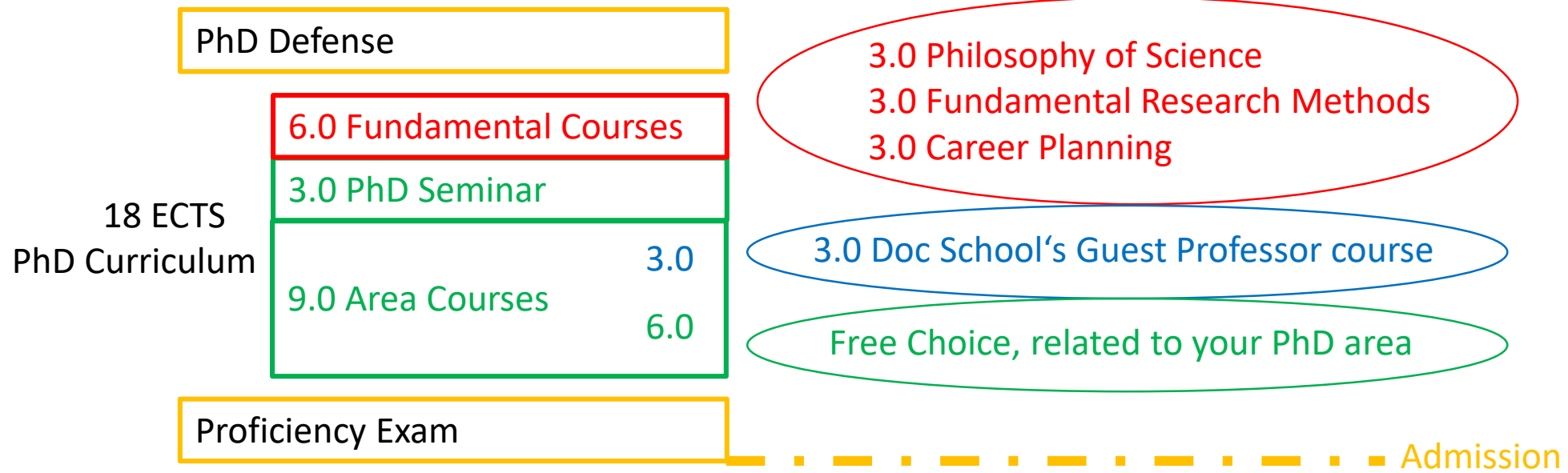
The Path to your Doctoral Degree



- 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



As a reminder: In total minimum 18 ECTS required

- **fundamental courses**

- Philosophy of Science (M)
- Research & Career Planning for Doctoral Students
- Fundamental Research Methods for Doctoral Students (M)

min 6 ECTS, min 1 methodology

- **area courses**

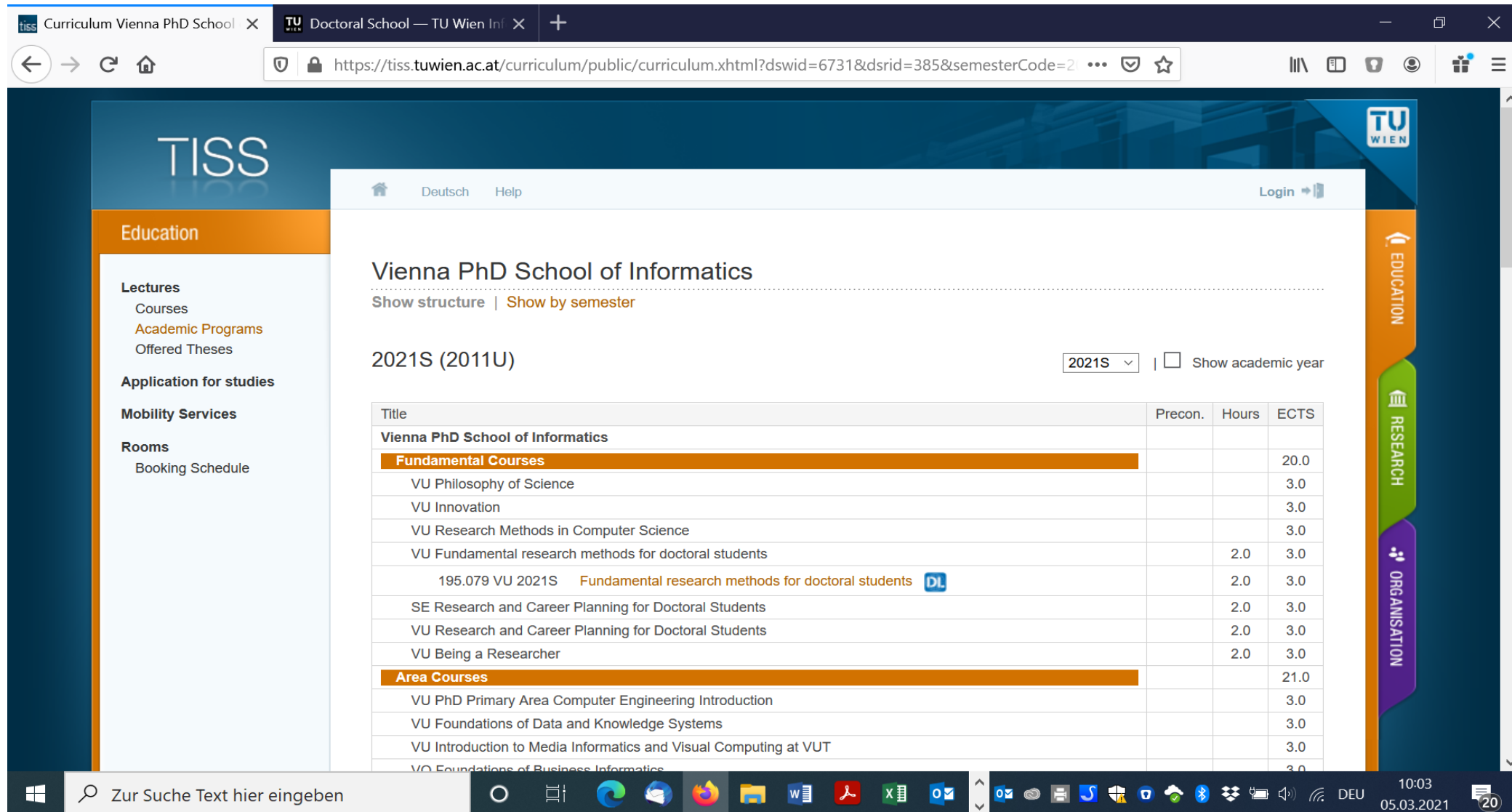
- PhD seminar, 3 ECTS
- visiting professor courses, min 3 ECTS
- own choice of courses related to research area

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/>
- Standard Procedure for Doctoral Program at the Faculty of Informatics
<https://informatics.tuwien.ac.at/doctoral/procedure/>
- Webpage of the TU Wien Informatics Doctoral School
<https://informatics.tuwien.ac.at/doctoral/>



Curriculum Vienna PhD School | Doctoral School — TU Wien Inf

https://tiss.tuwien.ac.at/curriculum/public/curriculum.xhtml?dswid=6731&dssid=385&semesterCode=2

TISS

Deutsch Help Login

Vienna PhD School of Informatics

Show structure | Show by semester

2021S (2011U) | 2021S | Show academic year

Title	Precon.	Hours	ECTS
Vienna PhD School of Informatics			
Fundamental Courses			
VU Philosophy of Science			3.0
VU Innovation			3.0
VU Research Methods in Computer Science			3.0
VU Fundamental research methods for doctoral students		2.0	3.0
195.079 VU 2021S Fundamental research methods for doctoral students DL		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
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
VU Foundations of Business Informatics			3.0

Zur Suche Text hier eingeben

10:03 05.03.2021

- **Fundamental Research Methods for Doctoral Students,**
course 195.079
schedule: course start March 2

- | | |
|---|----------------|
| ▪ Introduction to Methodologies and Paradigms | G. Fitzpatrick |
| ▪ Qualitative Methods | G. Fitzpatrick |
| ▪ Formal Methods | U. Egly |
| ▪ Quantitative Methods | A. Posekany |
| ▪ Design Methods (Literature Review) | S. Schulte |
| ▪ Design Methods (Design Science Research) | C. Huemer |

- **All VU 3.0**

- **Defeasible Reasoning**

Prof. Thomas (Tommie) Meyer, University of Cape Town
Schedule: June 2021

Preview of the courses upcoming as soon as CoVid situation allows presence teaching:

- **Legal Issues in Computer Science (tentative title)**

Prof. Paul Timmers, University of Oxford

- **Design Aspects of Asynchronous Hardware (tentative title)**

Prof. Alex Yakovlev, Newcastle University

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.)

Elective courses, not to be counted for the 18 ECTS of our doctoral program

TU Wien Bibliothek offers a varied course & workshop programme for students and (young) researchers, from citing sources correctly to open access publishing and metrics to dissemination strategies for scientific research results.

Workshops for researchers:

- Academic Profiles Curation (ORCID, Scopus, Web of Science/Publons, Google Scholar) (EN) | April 21, 2021 | 10:30-12:00
- Predatory Publishing (DE) | June 10, 2021 | 14:00-15:00
- EOSC: European Open Science Cloud - Moment of Truth 2021 (DE) | May 5, 2021 | 10:00-12:00
- ...and others. For more information see:
<https://www.tuwien.at/en/library/advisory-services-and-courses/courses>

New editorial service (Lektoratsservice) for doctoral students (application via website)

You want to receive information about future social events

- please register here:

https://inn.tuwien.ac.at/socialevents_doctoralstudents

Thank you!