

Funding and Grant Proposals, Inventions and Technology Exploitation: TU Graz offers four Courses for Doctoral Students – WS 2024/2025

In WS 2024/2025 the Research & Technology House offers 4 courses for Doctoral Students on the topics of Funding and Grant Proposals, Inventions, Technology Exploitation and Reflecting Entrepreneurial Activities.

Due to popular demand, "Funding and Grant Proposals" will be offered with two groups.

Please note: all courses are not recorded and not offered online! Due to the immanent nature of the examination, there is an obligation to attend all dates.

Course Details and Contents are listed below.

1. Fundamental and Applied Research: Third-Party Funding, Grant Proposals, Collaboration, Resources, and Impact

Course No. 930.001, Seminar, 1 Semesterhour, Info and Registration via TUGRAZonline.

https://online.tugraz.at/tug_online/ee/ui/ca2/app/desktop/#/slc.tm.cp/student/courses/531182?scrollTo=toC_overview

Group Diefenbach/Adametz: 5.11., 6.11. & 27.11.2024 (registration until 29th October 2024)

Group Tamtögl/Trink: 11.10., 14.10. & 11.11.2024 (registration until 9th October 2024)

Registration is only applicable for one group!

- National and European stakeholders: politics, research agencies, research organizations, enterprises - "who is who" on research funding
- Financing of research projects: Bottom-up and top-down programmes
- Overview and details on selected national and European funding programmes in the context of fundamental and applied research; science and business cooperation
- Project design and development from the idea to the project: time frame, partners, resources (personnel and infrastructure), budgets, legal aspects (e.g. IPR)
- Proposal writing: typical chapters, focusing research topics, one page proposal and full application
- Dissemination and Impact: Technology readiness levels, knowledge and technology transfer (publications including open access, inventions and patents)

2. Inventions, Patents and Technology Exploitation

Course No. 930.002, 6.11., 13.11. & 28.11.2024, Seminar, 1 Semesterhour, Info and Registration (until 3rd November 2024) via TUGRAZonline.

https://online.tugraz.at/tug_online/ee/ui/ca2/app/desktop/#/slc.tm.cp/student/courses/529325?scrollTo=toC_overview

- Intellectual Property
 - Fundamentals on intellectual property and intangible property rights / IPR (Intellectual Property Rights) general overview of the topic „IPR“, as opposed to tangible goods
 - Classification of Intellectual Property Rights: patents, registered designs and brands, properties, differences and similarities
 - Patent Laws: general provisions of the Patent Law in Austria as well as in Europe, invention, patentability, requirements

- Patent Search
- Drawing up a patent strategy: Criteria and deadlines of the patent application process starting with the patent specification and ending with the granting of a patent, advantages and disadvantages of different patent application procedures (countries, regions), financial and legal effects of patent applications
- Patent protection and dealing with employee inventions
- Commercialisation of Intellectual Property (License agreements, etc.)
- Handling of IPR in Contracts
- Co-operations with industrial partners in third-party funded projects as well as in contractual research or service contracts (Non-Disclosure-Agreements, Material Transfer Agreement, etc.)

3. **Reflecting Entrepreneurial Activities**

Course No. 930.003, 12.11. & 26.11.2024, 7.1. & 14.1.2025, each from 4:30 – 7:30 p.m., Seminar, 1 Semester hour, Info and Registration (until November 8th 2024) via TUGRAZonline:

https://online.tugraz.at/tug_online/ee/ui/ca2/app/desktop/#/slc.tm.cp/student/courses/528664?§scrollTo=toc_overview

The seminar will reflect on the entrepreneurial aspects of the participants' activities in the context of student teams or similar settings. It will be discussed which of the competencies and skills acquired in the process are also relevant for setting up one's own business.

After successful completion of the course, students will have a basic understanding of the entrepreneurial aspects of their work within a student team. They see and understand the similarities between the work in a student team and that in a start-up project and know possible fields of application of their acquired skills.

Remark: Student team leaders proving their participation can be credited another 3 ECTS of practical work. See below.

4. **Practical Work: leadership function in a student team**

For leaders of student teams who complete the course 930.003 'Reflecting Entrepreneurial Activities' (1 ECTS) and proof their leadership function, further 3 ECTS can be credited (course 930.004). Fixed examination date at the end of each semester. Further dates by arrangement. For detailed regulations see rectorate's guidelines on the support of student teams (RL 91000 UVST 167-01). <https://www.tugraz.at/en/studying-and-teaching/studying-at-tu-graz/prospective-students/financial-matters/tuition-fees-and-the-austrian-student-union-fee#c223564>