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# UNIVERSITY DOCTORAL STUDIES AT THE DOCTORAL SCHOOL OF IOSUD-TUIASI

## SHORT ROADMAP

### General information

Doctoral studies represent the third stage of university studies, which follows the completion of bachelor's and master's cycles, which allows the acquisition of the 8th qualification level from the European Qualifications Framework (EQF/CEC) and from the National Qualifications Framework (CNC). The "Gheorghe Asachi" Technical University of Iasi (TUIASI) as the Organizing Institution for University Doctoral Studies (IOSUD) organizes, within the Doctoral School, the scientific doctorate in engineering sciences and exact sciences, for thirteen areas of university doctoral studies: *Chemistry; Chemical Engineering; Environmental Engineering; Mechanical Engineering; Electrical Engineering; Energy Engineering; Electronic Engineering, Telecommunications and Information Technology; Computers and Information Technology; Systems Engineering; Industrial Engineering; Civil Engineering and Installations; Materials Engineering;- Engineering and Management.*

At the IOSUD-TUIASI level, the Council for Doctoral University Studies (CSUD) acts as an organizational and administrative structure established within IOSUD, responsible for the IOSUD strategy, the elaboration and application of its own regulations regarding doctoral university studies. The Doctoral School (SD) is the organizational and administrative structure established within IOSUD that provides the necessary support for conducting doctoral studies in a specific discipline or disciplinary or interdisciplinary topic.

The doctoral program has a duration of 4 years, that can be extended, upon request, by a maximum of 2 years. The doctorate at TUIASI is organized in the following forms:

- full-time doctoral program with scholarship - funded from the state budget;
- part-time doctoral program without a scholarship - funded from the state budget;
- with tax or other legally constituted sources.

The PhD supervisor is a faculty member certified for this quality, affiliated to the Doctoral School of TUIASI. It has the role of supporting and guiding the doctoral student in the doctoral research program and the development of the doctoral thesis. The PhD supervisor is supported in the activity with the PhD student of by a committee of guidance and academic integrity.

Graduates of university studies with a master's degree or its equivalent, according to the legislation in force, obtained in the country or abroad who wish to continue their university training through a doctorate will choose a doctoral field, a PhD supervisor and a research topic,

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in order to be able to enroll in the admission competition that takes place annually, in two sessions, respectively in the months of July and September.

Admission to doctoral university studies is a process of selecting candidates for the vacant doctoral student positions that the doctoral supervisors of the doctoral school decide to propose for occupation during the admission sessions organized by IOSUD, through the Doctoral School.

Admission to the doctoral program is carried out on a competitive basis, at the level of the Doctoral School through the Councils for Coordination of Doctoral Program (CCPD) of each faculty, in a certain doctoral field for the vacant PhD positions of each doctoral supervisor, each vacant position having assigned a research theme. The competition for admission to doctoral university studies is organized according to the calendar proposed by the CSUD and approved by the University's Administrative Council.

Admission to doctoral university studies is carried out, according to *the Procedure for the organization and conduct of admission in the cycle of scientific doctorate university studies*, as follows (<https://doctorat.tuiasi.ro/admitere/candidati-romani/>):

- candidates register for the competition by submitting the files containing the documents provided in *the Admission Procedure*, in "physical" format at the CSUD secretariat, or on the online admission platform
- after submitting the admission file by the candidates, there will be a first test, which consists of checking language skills for an internationally spoken language
- the second test is represented by a colloquium, based on a theme and a bibliography. The selection committee for the colloquium is made up of specialists holding a PhD title, and assesses the candidates according to:
  - the level of knowledge associated with the doctoral field and according to the selected research theme and the recommended bibliography,
  - the candidate's ability to undertake theoretical, experimental and methodological initiatives.

After admission to the doctoral university studies, the candidate is enrolled as a PhD student and signs the *contract for doctoral university studies*. This contract pertains to the conduct of activities specific to the study program, regulating the relationships between the IOSUD, the doctoral supervisor, and the doctoral student, specifying the rights and obligations of the signatory parties, in accordance with the current legislation, the provisions of the University Charter, and the decisions of the TUIASI Senate.

The doctorate can be conducted in Romanian, in a language of national minorities or in an international language (English, French, German), according to the doctoral studies contract concluded between IOSUD, the PhD supervisor and the PhD student.

The doctoral program has two components:

1. *The preparation program based on advanced university studies (first year)*, which consists of courses and seminars from the curriculum of the chosen doctoral field and depending on the specifics of the research area.

2. *The scientific research program* (years II - IV), which consists in the preparation and public support of two or three research reports and elaboration of the PhD thesis.

The PhD thesis is prepared and defended in accordance with *the Doctoral Theses Defense Procedure*. If the doctoral student has fulfilled all the requirements stipulated in the scientific research program, as well as the minimum standards related to the field, the doctoral commission proposes the award of the doctoral degree, a proposal that is forwarded together with the doctoral file, to the National Council for Attestation of Titles, Diplomas and University Certificates (CNATDCU). It issues a compliance endorsement regarding the adherence to the administrative procedure carried out at the IOSUD level and the fulfillment of the minimum criteria for awarding the doctoral degree. After receiving the compliance endorsement, IOSUD issues the decision to award the doctoral degree, signed by the Rector, prepares, and issues the doctoral diploma.

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## Opportunities opened by completing doctoral university studies

Receiving a PhD degree represents one of the highest levels of academic education and offers many advantages and career opportunities. The PhD is a journey of deepening your knowledge, developing your research skills and making a meaningful contribution to your chosen field. This is not only a symbol of academic excellence, but also a passport to a wide variety of professional and academic careers.

"Gheorghe Asachi" Technical University of Iasi (TUIASI) is dedicated to academic excellence and innovation. With a history of over 100 years in education and research, TUIASI offers high-quality PhD programs in various technical and scientific fields. Our students benefit from modern resources, advanced research laboratories and access to international networks of leading researchers and institutions.

### What does a doctorate mean?

Doctoral studies represent the highest level of academic education and involve a significant commitment on the part of the student. They involve years of intensive and rigorous research, aiming to contribute to global knowledge through original and innovative discoveries. This academic pathway is not only about deepening existing knowledge, but also about exploring new frontiers of science and technology.

- ***Intensive research and top-notch guidance***

During their doctoral studies, students work closely with renowned professors and mentors in their field of specialization. These mentors provide ongoing guidance and support, helping PhD students develop strong research projects and navigate academic challenges. The research process includes designing and conducting experiments, collecting and analyzing data, and formulating conclusions based on empirical evidence.

- ***Publication of scientific papers***

An essential aspect of doctoral studies is the publication of scientific papers in prestigious journals. These works are evaluated by fellow experts (peer-review) and contribute to the international recognition of the research carried out. The publication not only validates the work of the PhD student, but also shares the findings with the global scientific community, stimulating progress in the field.

- ***Participation in international conferences***

PhD students have the opportunity to participate in international conferences, where they can present the results of their research, interact with other researchers and make valuable connections. These conferences are excellent platforms for exchanging ideas and staying abreast of the latest trends and innovations in the field.

- **Global collaboration**

Doctoral studies offer the opportunity to collaborate with experts from around the world. These collaborations can lead to international research projects, academic exchanges and partnerships with renowned institutions. International experiences enrich the perspective of PhD students and provide them with a global network of professional contacts.

- **Development of transferable skills**

In addition to specialized knowledge, PhD students develop a number of valuable transferable skills. These include:

- **Critical thinking:** Ability to analyze and evaluate information in a logical and systematic manner.
- **Complex project management:** Ability to plan, organize and execute long-term projects involving multiple stages and resources.
- **Advanced communication:** Skills to effectively present and communicate complex ideas, both in writing and orally, to diverse audiences.
- **Problem solving:** The ability to find innovative solutions to complex problems, based on research and concrete data.

- **Contribution to the progress of society**

Through their research, PhD students contribute to the advancement of knowledge and the development of solutions to real-world problems, from technological innovations to effective public policy. The impact of their work can have significant repercussions on society, the economy and the environment.

One of the most visible contributions of PhD students is in the field of technological innovations. Through their research, they develop new technologies, materials and processes that can revolutionize entire industries. For example, nanotechnology research can lead to the discovery of stronger and more efficient materials with applications in medicine, electronics and energy. Likewise, innovations in artificial intelligence and robotics can transform the way we work and live, creating more efficient and sustainable solutions.

PhD students analyze and propose public policies that can improve the functioning of society. From environmental policies that aim to reduce carbon emissions and protect biodiversity, to economic policies that stimulate sustainable growth and reduce inequality, their research provides the scientific foundation needed for informed and effective decisions.

The contribution of doctoral students to economic development is significant. Their research can drive economic growth through innovations that improve industry productivity and competitiveness. Also, through collaborations with the private sector and technology transfer, scientific discoveries can be transformed into commercial products and services, generating new jobs and business opportunities.

PhD students in environmental engineering contribute to the development of sustainable solutions to protect the planet. Their research can lead to renewable energy technologies, waste management methods and natural resource conservation strategies. These efforts are critical to combating climate change and ensuring a sustainable future for future generations.

## Benefits and opportunities

Doctoral studies are therefore a combination of academic challenge and opportunity for professional and personal growth. They prepare graduates to become leaders in their field and to make significant contributions in various sectors of society.

Completing a PhD program opens many doors. An academic career, with the possibility of becoming a university teacher or scientific researcher is just one of the many options. The private sector, non-governmental organizations and public institutions are also looking for PhD graduates for consultancy, management, development and innovation positions. The PhD can also be a springboard to entrepreneurship, with many graduates using the knowledge and skills gained to launch and grow their own businesses.

### *Academic and research career*

- **University teaching staff:** the doctorate is an essential requirement to hold positions as a university professor, lecturer or assistant professor.
- **Scientific researcher:** PhD graduates can work in research institutes, laboratories and innovation centers, contributing to the advancement of knowledge in their field.
- **International research projects:** the opportunity to participate in international research projects, collaborating with experts from around the world.

### *Industry and the private sector*

- **Consulting and expertise:** Doctors in various fields are sought after for consulting, providing advanced expertise on complex issues.
- **Innovation and development:** leading research and development (R&D) teams in companies, contributing to the innovation of products and services.
- **Management:** top management positions, thanks to the advanced analytical and problem-solving skills acquired during the PhD.

### *Public sector and NGOs*

- **Public and government policies:** involvement in the development and implementation of public policies, using advanced knowledge to influence government decisions.
- **International organisations:** employment opportunities in international organisations, such as the UN, EU or World Bank, in various expert and analytical roles.
- **NGOs and foundations:** contributing to social and development missions in non-profit organizations and foundations.

### *Entrepreneurship and start-ups*

- **Starting your own business:** using the knowledge and skills acquired to launch and develop your own business or start-up.
- **Technology transfer:** working with universities and research centers to bring technological innovations to market.

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- **Incubators and accelerators:** participation in incubation and acceleration programs, benefiting from mentorship and funding for innovative ideas.

### *Recognition and prestige*

- **Academic recognition:** Publication of research papers in prestigious journals and participation in international conferences.
- **Awards and honors:** Obtaining awards and honors for contributions to the field of expertise.
- **Networking:** Building an extensive network of professional contacts, facilitating future collaborations and opportunities.

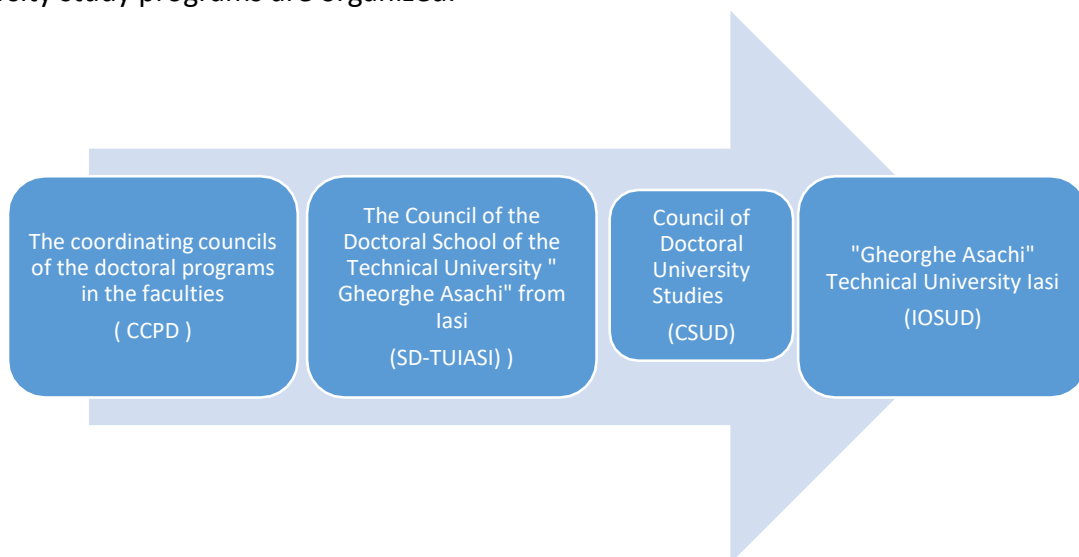
## Doctoral School at TUIASI

### Short presentation

The Doctoral School of IOSUD-TUIASI, established by Senate Decision no. 347 of 27.10.2017, coordinates the activity of the 9 Councils for the Coordination of Doctoral Programs (CCPD) that operate at the faculty level as follows:

- CCPD constituted at the level of the Faculty of Automatic Control and Computer Engineering;
- CCPD constituted at the level of the Faculty of Machine Manufacturing and Industrial Management;
- CCPD constituted at the level of the Faculty of Electrical Engineering, Energetics and Applied Informatics;
- CCPD constituted at the level of the Faculty of Electronics, Telecommunications and Information Technology;
- CCPD established at the level of the "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection;
- CCPD constituted at the level of the Faculty of Mechanics;
- CCPD constituted at the level of the Faculty of Materials Science and Engineering;
- CCPD constituted at the level of the Faculty of Industrial Design and Business Management;
- CCPD constituted at the level of the Faculty of Construction and Installations and Faculty of Hydrotechnics, Geodesy and Environmental Engineering.

The Doctoral School ensures the improvement and expansion of the training of doctoral students through teaching activities, seminars, evaluation, scientific research, technological development, design and artistic creation, according to the specifics of the doctoral fields in which the doctoral university study programs are organized.



The place of the Doctoral School in IOSUD-TUIASI



## Events organized by the Doctoral School

### *Doctoral School Conference (CSD)*

The International Conference of the Doctoral School of the "Gheorghe Asachi" Technical University of Iasi (TUIASI) offers doctoral students from the doctoral schools of technical universities in Romania and abroad a favorable framework for the communication of research results, the exchange of ideas and the initiation of new collaborations, refining theoretical and methodological approaches, encouraging the continuous development of interdisciplinary research. The conference aims to bring together diverse oral presentations dealing with relevant issues associated with the thirteen doctoral fields from TUIASI: Chemistry; Computers and Information Technology; Chemical Engineering; Civil Constructions and Installations; Electrical Engineering; Electronics Engineering, Telecommunications and informational Technologies; Energy Engineering; Industrial Engineering; Materials Engineering; Mechanical Engineering; Environmental Engineering; Systems Engineering; Engineering and Management.

During the three days of the conference, doctoral students can present their papers, in English, in five sections. The conference program also includes a series of lectures supported by prestigious professors from universities in the country and abroad, close collaborators of TUIASI. Abstracts and papers proposed by doctoral students must be signed by the doctoral supervisor and written in English. Full papers are recommended for publication in *the Bulletin of the Institute Polytechnic of Iasi*.

#### *Conference Sections:*

Section 1. Interdisciplinary research (takes place on-site and includes papers from all doctoral fields of TUIASI)

Section 2. Computers and Information Technology; Systems Engineering, Electrical Engineering; Energy Engineering; Electronic Engineering, Telecommunications and Information Technology (online)

Section 3. Chemistry; Chemical Engineering; Environmental Engineering (on-line)

Section 4. Civil Engineering and Installations (on-line)

Section 5. Mechanical Engineering; Industrial Engineering; Materials Engineering; Engineering and Management (on-line)

Details can be found on the conference web page at: <https://conferinta-csd.tuiasi.ro/>

### *Online seminars (selection)*

- *Validation of the results of the doctoral research through publication - argument of the creativity and originality of the doctoral thesis - 26.11.2020;*

- *The art of presenting papers at international conferences* – 17.12.2020;
- *How to get the most out of cooperation with your PhD supervisor* - 11.02.2021;
- *10 steps for effective documentation - case study* - 10.03.2021;
- *Generation and protection of patentable inventions* - 08.04.2021
- *The importance of creativity in scientific research, in the context of a future dominated by artificial intelligence* - 17.06.2021
- *SCOPUS training – Presentation of possible search types, search strategies and author profiles* - 17.02.2022
- *Doctoral student in Romania - challenges and perspectives* - 09.03.2022
- *How to successfully present your research idea? (How to pitch your research idea)* - 04.05.2022
- *How we leverage 5G infrastructure for digitization and innovative applications* - 02.06.2022
- *Biometism in engineering* (Prof. Dr. Eng. Sebastien Poncet) - 16.11.2022
- *Tips for successful scientific publishing* (prof.dr.eng. Marc J. Assael & Tom Spicer) - 05.12.2022
- *InoHubDoc: TUIASI regional scientific event on specific doctoral and postdoctoral topics* 17.07.2023
- *Recent trends in shape memory alloys – From Fe-based systems to additive manufacturing* (Prof.Dr.-Ing. Thomas Niendorf, University of Kassel) - 07.06.2023
- *The adventures of a Romanian scientist from Babeş-Bolyai University in the world – Working at a Global Corp* (Dr.Eng. Radu Crăciun – Honorary Consul of Romania in NJ, USA, Technology Manager of Americas, BASF Corp) - 15.05.2023
- *Participation in a professional research organization* (Conf.dr.ing. Dorin NEACȚU, Prof.dr.ing. Radu Gabriel BOZOMITU) - 28.04.2023

### ***TUIASI Days - Doctoral studies in TUIASI - from personal experience to the vocation of excellence***

Within the events dedicated to the TUIASI Days, CSUD and the Doctoral School organize, every year, the presentation of the best doctoral theses. In the context of the event "*Doctoral studies in TUIASI – from personal experience to the vocation of excellence*" the excellence in doctoral studies and the achievements of our former doctoral students, who, through their work and dedication, obtained the title of doctor and made significant contributions are highlighted and celebrated both in their area of expertise and in their personal development in the following ways:

- ***Capitalizing on academic excellence***

This event is dedicated to recognizing and promoting excellence in the field of university doctoral studies. In this way, the efforts and achievements of those former doctoral students who have demonstrated a determination and passion for knowledge, turning their experiences during their doctoral studies into a vocation for excellence, can be highlighted. They are living proof that through hard work, creativity and perseverance, high academic and professional standards can be achieved.

- ***The impact of the experience of former doctoral students***

Our former PhD students, now PhDs, are true ambassadors of our university's values and standards. Through their research and projects, they have produced added value not only in their specific fields, but also on a personal level, developing as individuals with exceptional critical thinking, innovation

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and leadership skills. These PhDs have made essential contributions in various sectors, from industry to academic research, from public policy to entrepreneurial initiatives.

- *Creativity and passion within TUIASI*

TUIASI was a favorable environment for the development of these talents. With access to state-of-the-art resources, modern laboratories and a vibrant academic community, our students benefited from a stimulating environment that allowed them to develop their ideas and excel in their research. However, as important as the university environment is individual creativity and passion. These people are not only the product of a successful educational system, but also of their own desire to develop and contribute to knowledge and innovation.

- *Personal qualities and the ability to reinvent*

This event highlights the importance of personal qualities such as perseverance, intellectual curiosity and the ability to reinvent. Doctoral studies are a path of self-discovery and personal growth. Our graduates have learned to accept change, face challenges and adapt to new circumstances. This ability to reinvent is essential not just for academic success, but also for life and career success.

- *Celebrating success and inspiration*

The event "*Doctoral studies in Tuiasi – from personal experience to the vocation of excellence*" is a celebration of these successes and a source of inspiration for our current and future students. We want the success stories of our former PhD students to inspire new generations of students to aspire to excellence, follow their passions, and in turn contribute to the advancement of knowledge and society.

Details: <http://www.doctorat.tuiasi.ro/Htm/Evenimente.htm>

## **International cooperation**

### *European doctorate*

The European Doctorate (*Doctor Europaeus/Europaea*) was proposed by the *European University Association*, with the aim of stimulating the integration of doctoral graduates from European countries in the European academic and socio-economic environment. The European PhD is an internationally recognized advanced level of education and research that offers students unique opportunities to engage in high-quality research projects in a diverse and dynamic academic environment. This type of PhD promotes academic excellence and cross-border collaboration, enabling PhD students to work with renowned institutions and experts across Europe.

The European doctorate is characterized by a series of distinct elements that differentiate it from other doctoral programs. These include international mobility, interdisciplinarity and a focus on publishing impactful scientific papers. Doctoral students often have the opportunity to spend research periods in other European countries, benefiting from the resources and expertise of prestigious institutions. This international experience not only enriches students' knowledge and perspectives, but also contributes to the formation of an extensive network of collaborators and colleagues from diverse academic cultures.

The European Doctoral Certificate is a prestigious award given to PhD students who demonstrate academic excellence and commitment to the internationalization of their research. This certificate recognizes not only the high quality of the doctoral thesis, but also the significant involvement in research and collaboration activities at the European level.

Obtaining the European Doctoral Certificate requires the fulfillment of strict criteria, designed to ensure that doctoral students carry out their research activity in an international and interdisciplinary context. These criteria include carrying out a significant part of the research in another European country, publishing articles in prestigious journals and presenting research results at international conferences. Also, the doctoral thesis must be evaluated by at least two experts from outside the country of origin of the doctoral student, thus ensuring a high standard of objectivity and quality.

Criteria for awarding the *European Doctoral Certificate* :

1. The doctoral student is enrolled in a doctoral studies program at the "Gheorghe Asachi" Technical University of Iasi (TUIASI);
2. The student completed a doctoral program accredited by TUIASI and passed the scientific research project with the qualification "very good", at least;
3. The doctoral student has completed a research internship in the field of the thesis of at least 3 months in one or two universities in the European Union (EU) / EU associated countries (outside Romania), obtaining a positive internship report from the research internship coordinator from the partner university, the report being also approved by the PhD supervisor;
4. At least one member of the doctoral thesis support committee is a teaching/researcher in a prestigious university or research institute in the European Union and EU associated countries (outside Romania and different from the one where it was carried out research internship);
5. At least two specialist referees, teaching and/or research staff, from prestigious universities or research units in the European Union and associated countries (outside Romania), analyze the doctoral thesis and recommend its public support. Expert referees must be personalities with high scientific visibility and research concerns in the field of the doctoral thesis. The specialized referees are not members of the committee for public support of the doctoral thesis, nor coordinators of the research internship carried out by the doctoral student.
6. The doctoral thesis is written in an international language (preferably English);
7. The public defense of the doctoral thesis was made in an internationally spoken language (preferably English).

Details: <https://doctorat.tuiasi.ro/studenti-doctoranzi/doctorat-european/>

### ***Institutional cooperation agreements***

Institutional cooperation agreements are the foundation of academic and research partnerships between our university and higher education institutions around the world. These agreements facilitate the exchange of knowledge, resources and best practices, promoting the mobility of students and teaching staff, collaborations in joint research projects and the development of innovative academic programmes. Through these partnerships, we are committed to creating a

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global network of academic excellence and actively contributing to the advancement of education and research internationally.

**Details:** <https://doctorat.tuiasi.ro/studenti-doctoranzi/doctorat-european/>

***Cooperation agreements type ERASMUS+ K 103*** (with European Union or affiliated countries)

ERASMUS+ K103 cooperation agreements represent an important pillar of the internationalization of our education. These agreements, concluded with universities and higher education institutions in the European Union and affiliated countries, facilitate the mobility of students, teaching staff and administrative staff. The ERASMUS+ K103 program offers valuable opportunities for academic exchanges, the development of intercultural competences and collaborations in research and innovation projects. Through these partnerships, we are committed to promoting academic excellence and enriching the educational experience of our university community.

**Details:** <https://doctorat.tuiasi.ro/studenti-doctoranzi/doctorat-european/>

***PhD HUB***

PhD HUB is a platform dedicated to supporting PhD students and promoting research excellence. By providing access to numerous opportunities for study, funding, courses, conferences and collaborations, the PhD HUB facilitates the academic and professional development of PhD students. The platform encourages international mobility and interdisciplinarity, creating an environment conducive to innovation and progress. Through partnerships with prestigious universities and institutions, PhD HUB connects young researchers with experts and resources essential to their career success.

**Details:** <https://phdhub.eu/>

***Cotutelle agreements***

"Gheorghe Asachi" Technical University of Iași (TUIASI) promotes cotutelle agreements to support international academic collaboration and offer doctoral students the opportunity to conduct their research under the guidance of two higher education institutions from different countries. Through these agreements, PhD students benefit from the resources and expertise of both universities, obtaining degrees recognized by both institutions. Co-tutorship agreements contribute to the professional development of students and the creation of an international academic network, essential for their future careers.

**Details:** <https://doctorat.tuiasi.ro/studenti-doctoranzi/doctorat-european/>

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## Postdoctoral programs

Within the Doctoral School of IOSUD-TUIASI can be organized, in the conditions of the law, advanced research postdoctoral programs for all areas of university studies by doctorate that operates within the Doctoral School.

Postdoctoral research programs can be financed from TUIASI's own income, internal grants, research projects with national or international funding, economic agents etc.

The postdoctoral research programs are organized within IOSUD-TUIASI and awarded through competition organized at the SD level, depending on the nature of the funding.

During the entire duration of the postdoctoral internship, the person admitted to only one postgraduate advanced research program for postdoctoral degree has the status of postdoctoral researcher.

The postdoctoral researcher is the person participating in an advanced research postdoctoral program and a obtained a Doctor of Science degree no more than 5 years before admission to the postdoctoral program (it is taken in taking into account the date of confirmation by the Order of the Minister of Education) or who participated and obtained the certificate of excellence at the "Marie Skłodowska Curie" competitions organized by the European Commission, regardless of the time when they acquired the doctorate title and who fulfills other conditions imposed by the funder at the time admission to the postdoctoral program.

In 2022, the first advanced research postdoctoral program was established within IOSUD - TUIASI, entitled ***Performance and excellence in postdoctoral research - 2022***, according to the *Procedure regarding the organization and conduct of advanced research postdoctoral studies*, with funding from the project "Network of excellence in research and applied innovation for doctoral and postdoctoral study programs: InoHubDoc" and "The institutional development of TUIASI by increasing performance in research, development and innovation: Compete 2.0"

Details: <https://doctorat.tuiasi.ro/studii-postdoctorale/regulament/>

## Center of Talent Management (CMT-TUIASI)

Within the IOSUD-TUIASI Doctoral School, the Talent Management Center, CMT-TUIASI, operates, dedicated to doctoral students and postdoctoral researchers.

The mission of the Center of Talent Management (CMT-TUIASI) is to increase the employability of PhD students and postdoctoral researchers by training transferable skills in a relevant context in relation to the needs of industry and the public sector. CMT-TUIASI will identify and monitor skills needs and will implement awareness and skills training services adapted to each beneficiary.

The CMT-TUIASI activity is addressed to doctoral students and postdoctoral researchers within the framework "Gheorghe Asachi" Technical University in Iași, including students coming to study through programs of mobilities, within the doctoral studies.

**CMT-TUIASI's fundamental objective is to support doctoral students and postdoctoral researchers for learning and personal enrichment to facilitate their further professional integration.**

**The specific objectives** pursued by the CMT-TUIASI Talent Management Center are:

- offering consultancy for career awareness, understanding of skills and skills that are required on the labor market;
- providing consultancy to identify opportunities for professional and personal development;
- providing access to useful information and resources to doctoral students and postdoctoral researchers from the University in terms of management and career development;
- ensuring access to training, specific working methods and guidance for all workers with the doctoral students and postdoctoral researchers of the University;
- access to training both for doctoral students, postdoctoral researchers, and for PhD supervisors from the "Gheorghe Asachi" Technical University in Iași;
- supporting PhD students and postdoctoral researchers through mentoring and personalized support for strengthening skills and gaining autonomy in scientific research;
- creating a climate of interdisciplinary cooperation.

### ***Competency assessment and career plan***

CMT-TUIASI offers support in building an appropriate career plan along with assessment research competencies defined by ResearchComp (EU, 2023).

### ***Career conversations***

Within CMT-TUIASI, you can directly discuss the experience in the fields of professional interest.

### ***Critical analyzes of CVs within CMT-TUIASI***

Within CMT-TUIASI, a TUIASI ALUMNI advisor or representative, who are company insiders and industry insiders, can be asked to critique the employment summary/CV or cover letter. Reviews include both recommendations and expert advice.

Details: <http://cmt.tuiasi.ro/consiliere/>