

Mobility Program
GANHANDO O MUNDO DA CIÊNCIA
Guidelines

Université de Technologie de Compiègne (UTC) welcomes students and researchers from universities and research institutions in Paraná, Brazil, through the Araucária Foundation's mobility program "Getting the World of Science" from early September 2025 to Mid-January 2026.

Institutional Information		
	Host Institution	Université de Technologie de Compiègne (UTC)
	Home page	www.utc.fr/en
	Address	Rue du Docteur Schweitzer CS 60319 60203 Compiègne Cedex France

Responsible for the Incoming Mobility		
	Name	Céline De Araujo
	Department	International office : Direction aux Relations Internationales (DRI)
	Position	Responsible for incoming mobility
	E-mail	Celine.de-araujo@utc.fr
	Cell phone	+33 344 23 73 14

Application		
	Application Period	For the fall semester: From March 1st to April 15th ; For the spring semester: From September 1st to October 15th .
	Notification of results (UTC)	Within 4 weeks after the reception of the application documents.
	Maximum number of applicants:	46 Undergraduate & Master, 2 PhD, 2 Post Doc.
	Requirements:	- Be undergraduates enrolled full-time in an accredited and eligible Parana State University with a minimum of one semester remaining in their program when they return to Brazil; - Be at least 18 years of age; - Have a minimum grade average of 80/100 cumulative grade point average, or equivalent to apply to the program; - Be able to spend 1 semester (6 months) at UTC according to their academic plan; - For Research internships (options 2 and 4 – see below), acceptance is subject to the research topic and compliance with the procedures for <i>Zones à Régime Restrictif (ZRR)</i> where applicable. - Language requirement: depends on selected option (see below)
	Application documents	- Student application form with the study plan (sent by UTC international office); - Curriculum Vitae (CV) including academic background and research experience; - Academic Transcript showing GPA; - Proof of Language Proficiency (French B1 or English B1 depending the selected option – see below);
	Submission	Deadlines: Fall semester: April 15th ; Spring semester: October 15th

Course Options			Requirements
	<u>Option 1</u> Undergraduate	One study semester	French B1 (more course options) Or English B1 <u>For biological engineering:</u> French B1
	<u>Option 2</u> Undergraduate	One research semester	French B1 or English B1
	<u>Option 3</u> Undergraduate	One study semester + one semester of industrial internship / scholarship: condition of approval on the one study semester (requirement)	French B1 or English B1 for the study semester, French B1 for the industrial internship
	<u>Option 4</u> PhD and Post-docs	From two to six months Research internship in UTC labs	French B1 or English B1
	<u>Option 5</u> Post-docs	From two to six months Teaching internship	French B1 or English B1

UNDERGRADUATE AND GRADUATE STUDENTS OFFER					
Modality	Course/activity homepage	Number of students	Period: From	Period: To	Area of Knowledge
<u>Option 1</u> Study semester	Department of mechanical engineering: https://www.utc.fr/en/courses-and-training/the-utc-engineering-diploma/mechanical-engineering-im/	8 SPOTS	From early September	To mid-January	Mechanical engineering
<u>Option 2</u> Research semester	Roberval lab: https://www.utc.fr/en/research/utc-research-units/mechanics-energy-and-electricity-roberval/				- Numerical methods in mechanics; - Acoustics and vibrations; - Materials and surfaces; - Mechatronics, energy,

					electricity, integration; - Industrial systems: products/process; - Uncertainties and variabilities; - Materials and structures with integrated functions.
<u>Option 1</u> Study semester	Department of computer sciences and engineering: https://www.utc.fr/en/course-s-and-training/the-utc-engineering-diploma/computer-sciences-and-engineering-gi/	8 SPOTS	From early September	To mid-January	Computer sciences and engineering
<u>Option 2</u> Research semester	Heudiasyc lab: https://www.utc.fr/en/research/utc-research-units/heuristics-and-diagnostics-for-complex-systems-heudiasyc-umr-cnrs-7253/ LMAC lab: https://www.utc.fr/en/research/utc-research-units/applied-mathematics-lmac/				Heudiasyc: - Knowledge, uncertainty, data (CID); - Safety, communication, optimization (SCOP); - Robotic systems in interaction (SyRI). LMAC: - inverse problems; - stochastic systems.
<u>Option 1</u> Study semester	Department of industrial process engineering: https://www.utc.fr/en/course-s-and-training/the-utc-engineering-diploma/industrial-process-engineering-gp/	11 SPOTS	From early September	To mid-January	Process / chemical engineering
<u>Option 2</u> Research semester	TIMR lab: https://www.utc.fr/en/research/utc-research-units/integrated-transformation-of-renewable-matter-timr/				- Microbial activities and bioprocesses (MAB); - Environmental Protection In Chemical Engineering (EPICE); - Interfaces and

					divided environments (IMiD); - Organic Chemistry and Alternative Technologies (OCAT); - Agro-industrial technologies (TAI); - Chair of excellence in chemistry and green processes.
<u>Option 1</u> Study semester	Department of urban engineering: https://www.utc.fr/en/course-s-and-training/the-utc-engineering-diploma/urban-engineering-gu/	11 SPOTS	From early September	To mid-January	Urban / civil engineering
<u>Option 2</u> Research semester	Avenues lab: https://www.utc.fr/en/research/utc-research-units/multiscale-modelling-of-urban-systems-avenues-gsu/				Energy management and micro-grids, mobility, transport flows and infrastructure, hydrological risks, digital models, urban models, development and metropolitanization .
<u>Option 1</u> Study semester	Department of biological engineering: https://www.utc.fr/en/course-s-and-training/the-utc-engineering-diploma/biological-engineering/	8 SPOTS	From early September	To mid-January	Biological engineering
<u>Option 2</u> Research semester	BMBI lab: https://www.utc.fr/en/research/utc-research-units/bio-mechanics-and-bio-engineering-bmbi-umr-cnrs-7338/ GEC lab: https://www.utc.fr/en/research/utc-research-units/enzyme-and-cell-engineering-gec-umr-cnrs-7025/				BMBI: -Biomaterials/ Bioreactor Cells (C2B); - Biological Fluid-Structure Interactions (IFSB); - Characterization and patient-specific; - Modelling of the MUculoskeletal and oSTeoarticular systems (C2MUST).

					GEC: - Plant Metabolism and Bioresources; - Biomimicry and Biomolecular Diversity
--	--	--	--	--	--

GRADUATE STUDENT: PhD and Postdocs					
Modality	Course/activity homepage	Number of students	Period: From	Period: To	Area Knowledge of
<u>Option 4</u> Research internship - <u>Option 5</u> Teaching internship (Post-docs only)	Mechanical engineering Department: Roberval lab: https://www.utc.fr/en/research/utc-research-units/mechanics-energy-and-electricity-roberval/ (Laboratory in restricted area ZRR*)	- 2 SPOTS MAX PER YEAR FOR PHD, - 2 SPOTS MAX PER YEAR FOR POSTDOCS	From early September	To mid-January	- Numerical methods in mechanics; - Acoustics and vibrations; - Materials and surfaces; - Mechatronics, energy, electricity, integration; - Industrial systems: products/process; - Uncertainties and variabilities; - Materials and structures with integrated functions.
<u>Option 4</u> Research internship - <u>Option 5</u> Teaching internship (Post-docs only)	Department of computer sciences and engineering: Heudiasyc lab: https://www.utc.fr/en/research/utc-research-units/heuristics-and-diagnostics-for-complex-systems-heudiasyc-umr-cnrs-7253/ (Laboratory in restricted area ZRR*) LMAC lab: https://www.utc.fr/en/research/utc-research-units/applied-mathematics-lmac/		From early September	To mid-January	Heudiasyc: - Knowledge, uncertainty, data (CID); - Safety, communication, optimization (SCOP); - Robotic systems in interaction (SyRI). LMAC: - inverse problems; - stochastic systems.
<u>Option 4</u> Research internship - <u>Option 5</u>	Department of industrial process engineering: TIMR lab: https://www.utc.fr/en/research/utc-research-units/timr-lab/		From early September	To mid-January	- Microbial activities and bioprocesses (MAB); - Environmental Protection In Chemical Engineering (EPICE);

Teaching internship (Post-docs only)	research-units/integrated-transformation-of-renewable-matter-timr/				- Interfaces and divided environments (IMiD); - Organic Chemistry and Alternative Technologies (OCAT); - Agro-industrial technologies (TAI); - Chair of excellence in chemistry and green processes.
Option 4 Research internship - Option 5 Teaching internship (Post-docs only)	Department of urban engineering: Avenues lab: https://www.utc.fr/en/research/utc-research-units/multiscale-modelling-of-urban-systems-avenues-gsu/		From early September	To mid-January	Energy management and micro-grids, mobility, transport flows and infrastructure, hydrological risks, digital models, urban models, development and metropolitanization.
Option 4 Research internship - Option 5 Teaching internship (Post-docs only)	Department of biological engineering: BMBI lab: https://www.utc.fr/en/research/utc-research-units/bio-mechanics-and-bio-engineering-bmbi-umr-cnrs-7338/ GEC lab: https://www.utc.fr/en/research/utc-research-units/enzyme-and-cell-engineering-gec-umr-cnrs-7025/		From early September	To mid-January	BMBI: - Biomaterials/Bioreactor Cells (C2B); - Biological Fluid-Structure Interactions (IFSB); - Characterization and patient-specific; - Modelling of the MUsculoskeletal and oSTeoarticular systems (C2MUST). GEC: - Plant Metabolism and Bioresources; - Biomimicry and Biomolecular Diversity
Option 4 Research internship - Option 5 Teaching internship (Post-docs only)	COSTECH Laboratory: https://www.utc.fr/recherche/les-unites-de-recherche-de-lutc/connaissance-organisation-et-systemes-techniques-costech-ea-2223/		From early September	To mid-January	COSTECH : Care technologies, cognitive research and enaction design; Complexity, Networks and Innovation; Analysis of Digital Interactive Practices; Cooperate in a digital environment;

FURTHER INFORMATION:

The acceptance of Postdoc and PhD students will be subject to the research topic and conducted in accordance with our established procedures. Students must submit their research proposal, which will then be reviewed to identify a faculty member willing to supervise their work, within the capacity limits of the hosting laboratories.

*Students must comply with the procedures related to *Zones à Régime Restrictif (ZRR)* that apply to the relevant laboratories. A *Zones à Régime Restrictif (ZRR)* refers to a restricted area established under French national security regulations to protect sensitive scientific and technological activities. Laboratories designated as ZRRs must follow specific protocols, including the vetting of individuals who may access these areas, to ensure the protection of strategic knowledge and innovations.

Students can attend a four-week intensive French language course given just before the beginning of each semester and completed by weekly 4-8 hours sessions during the semester.

Students have access to the student restaurant CROUS located in front of the main campus, with complete meals for 3,30€.

Students can book a meeting with the doctor, the nurse or the psychologist of the university.

Compiègne, October 7th, 2025
Joanna DAABOUL, Director for international relations