

## Université Clermont Auvergne

Université Clermont Auvergne is ranked 17th among French universities who figure in the top 1000 global institutions. It comprises six campuses, hosts 36,000 students, and offers 340 programmes.



With numerous partnerships, both with regional and international institutions, as well as research organizations or private companies, Université Clermont Auvergne is resolutely open to the socio-economic environment in which it operates. Its 460 international partnerships and its presence in numerous international rankings, including the Shanghai ranking, demonstrate its influence on the international stage.

## NATIONAL INSTITUTE OF TEACHER TRAINING AND EDUCATION

The National Institute of Teacher Training and Education Clermont-Auvergne (INSPé) is a faculty of Education of Université Clermont Auvergne that meets all the missions of higher education: research, disciplinary professional training, and didactics.

INSPé offers programmes geared towards careers in teaching, education, and training (educational technology, education for sustainable development, health education, special educational needs, adult education...).

1 Bachelor's degree  
2 tracks

4 Master's degrees  
27 tracks

1800 students

4 university diplomas

Over 400 Faculty members  
involved in teaching

1 research laboratory,  
Acté

## RESEARCH LABORATORY

### Activity-Knowledge-Transmission-Education (ACTé)

The research laboratory ACTe (Activity, Knowledge, Transmission, Education) is a research team (UR n°4281) affiliated with Université Clermont Auvergne (France).

<https://acte.uca.fr/>

The laboratory consists of professors from various disciplinary fields: education sciences, social psychology, linguistics, sociology, didactics of different disciplines, public health, ergonomics, sports sciences (STAPS), and anthropology.

The laboratory conducts collaborative research and intervention research aimed primarily at transforming professional practices in teaching, physical activities, and occasionally in the business world. The empirical study of professional activity in situ constitutes the common denominator of scientific issues.

Drawing from complementary theoretical frameworks, researchers place significant emphasis on the subjectivity of the studied actors while considering the contextualization of their activity. They are particularly interested in the know-how, professional gestures, and practical knowledge that emerge during the actual activity of the actors.

# MASTER'S DEGREE IN EDUCATION AND TRAINING SCIENCES

## Présentation

The Master aims to train educational professionals specialized in school, university, and adult training sectors. Addressing audiences with diverse professional and cultural backgrounds, the Master's programme aims to advance students scientific knowledge and skills in Education and Training, methodologies for analyzing work situations (teaching, learning, training), and research frameworks for understanding professional practices and designing tools and systems in the fields of education and training.

### **The Master is linked to the research laboratory**

**"Activity-Knowledge-Transmission-Education." It offers a rigorous training program based on :**

- ✓ Acquiring skills in the fields of designing digital resources, pedagogical engineering, educational research, and project management ;
- ✓ Combining face-to-face learning with asynchronous, and synchronous distance learning ;
- ✓ Internships in France and abroad, with university and scientific partnerships ;
- ✓ Incorporating relevant international research in the fields of Education and Training sciences and Labor sciences.

# MASTER'S DEGREE IN EDUCATION AND TRAINING SCIENCES

## INTERNATIONAL TRACKS

### Research and Expertise in Education and Training Sciences

#### GRADUATE TRACK

### Research and Expertise in Education and Training Sciences

This programme has been awarded the Graduate Track (Humanities and Social Sciences) label.



GRADUATE TRACK

The Graduate Track Humanities and Social Sciences label makes it possible to award grants to students who wish to undertake a thesis project. Selections are made at the end of the first semester so that students have time to develop their project.

## TRANSVERSAL SKILLS

- CP1 : Analyze contexts, situations and social and/or professional practices to propose appropriate solutions.
- CP2 : Manage a project (design, steering, implementation and management, evaluation, dissemination) which may involve multi-disciplinary skills in a within a collaborative framework.
- CP3 : Advise and support multidisciplinary teams implementing educational and training policies.
- CP4 : Make efficient use of digital tools for the professions, taking into account considering the societal challenges of the digital transition.
- CP5 : Use scientific knowledge to help understand educational and training educational and training issues.
- CP6 : Communicate scientific knowledge orally and in writing, in French and in English.

## Research and Expertise in Education and Training Sciences

### SPECIFIC SKILLS

#### ***Implementing studies or research operations with epistemic or transformative aims***

By synthesising the literature without plagiarism, respecting bibliographical standards ;

By respecting ethical and methodological rules and scientific ethics

By formulating one or more research questions ;

Collecting data using appropriate methods ;

By producing a piece of writing that conforms to academic standards, showing and analysing the data in accordance with the standards of the field ;

By using a foreign language to access the literature in the field.

### MASTERS' TRAINING METHOD

A hybrid training combining both face-to-face and distance learning, incorporating asynchronous and synchronous components. Courses take place both face-to-face (Clermont-Ferrand, France) and online via the Moodle course platform. Digital content is accessible 24/7, providing students with the opportunity to access resources at their own pace. These resources include video lectures, slideshows, interactive webinars, virtual classrooms, forums, and conferences.

## FACULTY MEMBERS

The pedagogical team comprises internationally renowned teacher-researchers who also teach at European and North American universities. Their work in Education and Training Sciences is aligned with the research framework of the ACT laboratory.

| <b>Faculty Members and Areas of Expertise</b> |   |   |
|---|---|---|
| <b>Faculty Member</b>                         | <b>Role / Function</b>  | <b>Area of Expertise</b>                    |
| <b>Béatrice Drot-Delange</b>                  | Master Program Coordinator in Education and Training Sciences   | Information Sciences and Digital Technology |
|   | Director of the ACTé laboratory   |   |
| <b>Dacia Dressen-Hammouda</b>                 | Master Program Coordinator  | Linguistics                                 |
| <b>Dyanne Escorcía</b>                        | Bachelor's Program Coordinator in Education and Training Sciences   | Cognitive Psychology – Metacognition        |
| <b>Ludovic Morge</b>                          | Director of the National Institute of Teacher Training and Education  | Didactics of Physics and Chemistry          |
| <b>Didier Jourdan</b>                         | Holder of the UNESCO Chair in Education and Health  | Health Education                            |
| <b>Mickael Jury</b>                           | Coordinator of the Schooling and Special Educational Needs Track  | Inclusive Education                         |
| <b>Marie-Christine Toczek-Capelle</b>         | Coordinator of the Research and Expertise in Education Sciences and Training Track  | Social Psychology                           |
| <b>Guillaume Serres</b>                       | Coordinator of the Masters in Teaching, Education and Training Professions (Secondary Education) and Educational Leadership | Education and Training Sciences             |
| <b>Carine Simar</b>                           | Coordinator of the track "Health Education for Children, Adolescents, and Young Adults" – Master of Public Health           | Health Education                            |
| <b>Nathalie Younès</b>                        | Program Master Director   | Education and Training Sciences             |
|   | Head of Pedagogical Engineering and Audiovisual Production Department   | Assessment and Higher Education             |
| <b>Ciara Wigham</b>                           | Coordinator of the Pedagogical and Digital Engineering Track  | Digital Technology, Linguistics             |

## Research and Expertise in Education and Training Sciences Program

| Teaching Unit  | Component   | Hours per student 2024/2025 |
|--|---|-----------------------------|
| <b>TU 11<br/>RESEARCH METHODOLOGY</b>                              | EC1 Introduction  | <b>15</b>                   |
|  | EC2 Different types of surveys  | <b>15</b>                   |
|  | EC3 Statistics  | <b>15</b>                   |
|  | EC4 Graduate Track<br>Scientific writing in English                                   | <b>12</b>                   |
| <b>TU 12<br/>ANALYZING WORK</b>                                    | EC1 Key concepts of job analysis  | <b>15</b>                   |
|  | EC2 Activity analysis   | <b>15</b>                   |
|  | EC3 Theme 3 of the laboratory: Professional Development                               | <b>12</b>                   |
| <b>TU 13<br/>ACTING IN A DIGITAL AND<br/>INCLUSIVE ENVIRONMENT</b> | EC1 Introduction  | <b>20</b>                   |
|  | EC2 Theme 1 of the laboratory: Knowledge transmission and learning situations         | <b>12</b>                   |
|  | EC3 Theme 2 of the laboratory: Dynamics of asymmetrical interactions                  | <b>12</b>                   |
| <b>TU 14<br/>DESIGNING AND<br/>MANAGING A PROJECT</b>              | EC1 Introduction  | <b>15</b>                   |
|  | EC2 Theme 4 of the laboratory: Design and evaluation of tools and devices             | <b>12</b>                   |
| <b>TU 21<br/>LEARNING, TEACHING,<br/>TRAINING</b>                  | EC1 Epistemology - Ethics   | <b>12</b>                   |
|  | EC2 Psychology of learning  | <b>12</b>                   |
|  | EC3 Andragogy - Adult Education   | <b>15</b>                   |
|  | EC4 Different interview methods   | <b>15</b>                   |
| <b>TU 22<br/>STAGE</b>   | EC1 Knowledge of environments and actors  | <b>15</b>                   |
|  | EC2 Stage Internship  | <b>2</b>                    |
| <b>TU 23<br/>MASTER'S THESIS</b>                                   | EC1 Seminars - Research in Education Sciences and Training - Institutional Frameworks | <b>15</b>                   |
| <b>TU 24<br/>ENGLISH</b>   | EC1 Comprehension and expression  | <b>15</b>                   |
| <b>TU 25<br/>EXTENSION AND<br/>PERSPECTIVES</b>                    | EC1 Different types of literature reviews   | <b>15</b>                   |
|  | EC2 Mixed methods and quantitative methods  | <b>15</b>                   |
|  | EC3 Statistics  | <b>15</b>                   |
|  | Option - EC4 WORKSHOP - Inter-laboratory - Research Project Graduate Track            | <b>12</b>                   |

## CAREER PROSPECTS

Experts in resource design and digital platform integration within educational institutions, universities, and businesses ;

E-educational Project designers ;

Internal professional training designers for companies, as well as external customer training (E-learning).

## ADMISSION

A bachelor's degree (equivalent to a Bachelor's degree, or a "Bac +3" in the French education system)

Intermediate computing and application skills

Proficiency in the French language: C1 level

## SCHEDULE

***University starts in September – The academic year finishes in June each year***

## Follow-up and student support

Integration week organized at the beginning of each academic year.

Remote work monitoring.

Personalized guidance and advice based on students' needs.

Administrative support and guidance structure at the university.

## Administrative and pedagogical contacts

**Director :** Olivier RIVIERE [Olivier.RIVIERE@uca.fr](mailto:Olivier.RIVIERE@uca.fr)

**Programme Master Director :** [Nathalie.YOUNES@uca.fr](mailto:Nathalie.YOUNES@uca.fr)

**For any information about the International Classes DU :**

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