

The only institution on the Clermont-Ferrand site to offer doctoral-level training in the field of Biology, UCA's **Doctoral School of Life, Health, Agronomy, and Environmental Sciences (ED SVSAE)** is one of the 5 Doctoral Schools that make up the Doctoral College on the Clermont-Ferrand site. It works in **close partnership with the Graduate School of Engineering, VetAgro Sup, Polytech and SIGMA, INSERM, INRA, CNRS, CHU and the Jean Perrin Cancer Center**. This **multidisciplinary and multi-thematic** Doctoral School specializes in **Biology in the broad sense**, from physiology

to pathology, from animal, microbial and plant genetics to the development of active molecules, from Health to the Environment, from human and animal nutrition to chronic and inflammatory diseases, from pain to oncology, from agronomy to food sciences, etc.

These themes are led by units or teams affiliated with the ED SVSAE, under the authority of either the **Ministry of Higher Education, the Ministry of Agriculture, CNRS, INRA or INSERM** (and for some, 2 or 3 of these organizations):

- **13 joint research units (UMRs)** under the supervision of UCA and partner organizations or institutions INSERM, CNRS, INRA and/or VetAgroSup
- **2 research branches and 2 Teams of 3 otherUMRs**, under the supervision of UCA and CNRS (and SIGMA Clermont for IP)

- **4 EAs** from UCA
- **1 UPU** from UCA
- **1 UR** from INRA

In addition to these units, two structures are associated with the ED SVSAE:

- **1 Clinical Investigation Center**
- **1 integrative research platform**

These different units and teams bring together more than **550 research professors, researchers and engineers** and offer a **strong supervisory potential** as they include **360 research professors and researchers with an Authorization to Supervise Research (HDR)** at the time that this document was written.

Some figures on the SVSAE Doctoral School

240

PhD students

15% of whom
are international



**Employment rate
for doctors 3 years
after degree
94% (class of 2014)**

70 to 80

Thesis defenses

20 to 30

Dual-degree theses

ED SVSAE PhD SPECIALIZATIONS

- PhD in Health and Biology
- PhD in Microbiology
- PhD in Bioinformatics
- PhD in Plant Biology
- PhD in Health Engineering Department
- PhD in Medicinal Science
- PhD in Environmental Management
- PhD in Adapted Physical Activity and Health



ÉCOLE DOCTORALE
DES SCIENCES DE LA VIE,
SANTÉ, AGRONOMIE
ENVIRONNEMENT

LIST OF RESEARCH UNIT AFFILIATED WITH ED SVSAE

- Genetics, Reproduction and Development (GreD)
- Pain and Neurosensory Biophysics (Neuro-Dol)
- Molecular Imagery and Theranostic Strategies (IMoST)
- Microbes, Intestines, Inflammation and Host Sensitivity (M2iSH)
- Human Nutrition Unit (UNH)
- Microbiology, Digestive Environment, Health (MEDIS)
- Grain Genetics, Diversity and Ecophysiology (GDEC)
- Physics and Integrative Physiology of Trees in Fluctuating Environments (PIAF)
- Mixed Research Unit for Cheese (UMRF)
- Microorganism Laboratory: Genome and Environment (LMGE)
- Pascal Institute (IP) – GePEB branch and TGI branch
- Clermont Physics Laboratory (LPC) – MAM Team
- Clermont-Ferrand Chemistry Institute (ICCF) – MPS Team
- Mixed Research Unit for Herbivores (UMRH)
- Animal Epidemiology Unit (EPIA)
- Research Unit for Prairie Ecosystems (UREP)
- Laboratory of Metabolic Adaptations during Exercise in Physiological and Pathological Conditions (AME2P)
- Clinical Dentistry Research Center (CROC)
- Neuro-psycho-pharmacology of Sub-cortical dopamine systems (NPsy-Sydo)
- Role of intra-Clonal Heterogeneity and Leukemic environment in ThErapy Resistance of chronic leukemias (CHELTER)
- Patient Self-medication Pharmaceutical Reconciliation (ACCePPT)
- Quality of Animal Products (QuaPA)



HOW TO APPLY

To apply for admission to a UCA Doctoral School, you must:

- Hold a Master's degree or any other degree awarding the title of Master.
- Have defined a thesis subject beforehand with the agreement of a thesis supervisor affiliated with one of UCA's research laboratories.
- Have obtained funding

For more information, please visit the Doctoral School's website.



CONTACT US

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COLLEGE des ÉCOLES DOCTORALES