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Research Departments

The 6 UGA research departments are:

Mathematics, Sciences and Technologies of Information and Communication

740 faculty members and researchers and 500 PhD students

Strategic research areas:

- Mathematics: from basic research to applications;
- Data sciences;
- Perception, interaction and usages;
- Cyber-physical systems.

These areas are build-up on the Labex PERSYVAI-lab, AMIES, MINOS, GANEX and the instituts Carnot LSI, ICI and LETI. A new building, PILSI, gathering 1000 researchers, conceived as an Innovation Park, supports this department.

Chemistry, Biology, Health

730 faculty members and researchers and 410 PhD students

Strategic research areas:

- Bio-motivated and bio-inspired chemical systems;
- Structural and cellular biology;
- Chronicle diseases and cancer;
- Neurosciences;
- Medical technologies.

The following Labex are at the heart of these areas: GRAL, CAMI and ARCANE.

Website : [Graduate School CBH](#)

Physics of Particles, Astrophysics, Geosciences, Environment and Ecology

496 faculty members and researchers and 400 PhD students

The laboratories of this department are involved in national and international strategic research programs concerning, for instance, climate change, exploring the earth and the universe, and understanding the matter/anti-matter asymmetry. Besides these, they collaborate to investigate complex natural systems and their interactions.

These areas are build-up on the Labex OSUG@2020, FOCUS and ENIGMAS.

Physics, Engineering, Materials

971 faculty members and researchers and 1200 PhD. Students

Strategic research areas:

- Carbon-low energy;
- Nanoscience, nanotechnologies and Microsystems;
- Eco-efficient processes and materials;
- Multi-scale approaches and models;
- Instrumentation.

These areas are build-up on the following Labex and instituts Carnot: CEMAM, LANEF, TEC XXI and iC EF.

Social Sciences

484 faculty members and researchers and 550 PhD students

Strategic research areas:

- Strategy, markets and behaviour
- Institutions, norms, values and public policy
- Governance, territory and sustainable development
- Globalization, regionalism and comparative approaches

The following Labex support these areas: ITEM and AE&CC.

Humanities and Social Sciences

510 faculty members and researchers and 640 PhD students

Strategic research areas:

- Language : cognition, behavior, communication
- Memory and history of social and cultural spaces
- Creations and their imaginariums
- Interactions between science and society

The following Labex support these areas: ITEM and AE&CC.

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