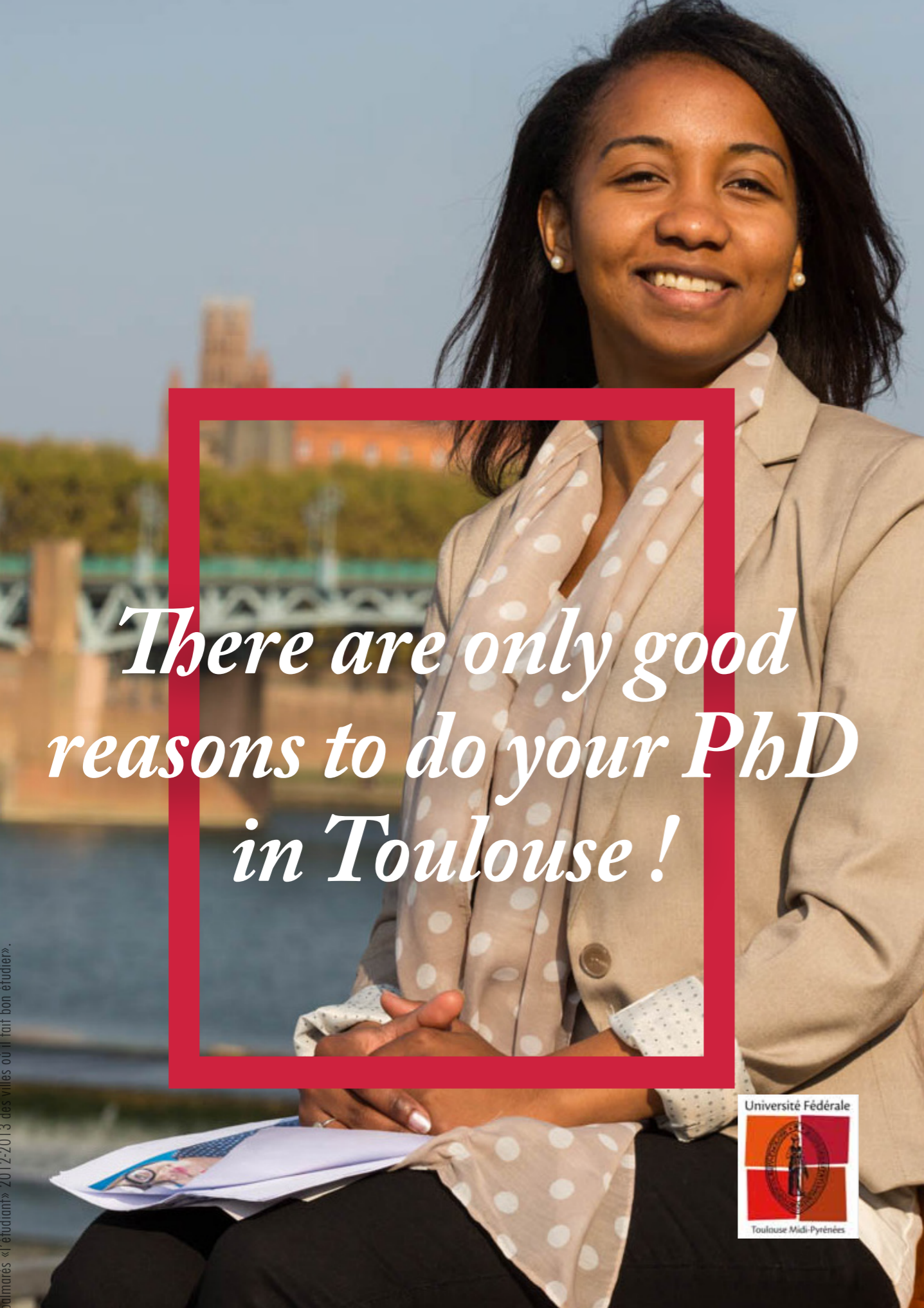


PhD
Degree



There are only good reasons to do your PhD in Toulouse!



C o n t e n t

Postgraduate studies at the University of
Toulouse ————— 05

List of the 15 doctoral schools

AA (Aeronautics & Astronautics) ————— 09

ALLPH@ (Art, Literatures, Languages,
Philosophy, Information & Communication) — 10

BSB (Biology, Health & Biotechnologies) — 11

CLESCO (Behavior, Language, Education,
Socialisation, Cognition) ————— 12

MITT (Mathematics, Computer science,
Télécommunications) ————— 13

GEET (Electrical, Electronic, Engineering &
Telecommunications) ————— 14

SG (Management Science) ————— 15

MEGEP (Méchanics, Energetics, Civil and Process
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SDM (Material Sciences) ————— 17

SDU2E (Geosciences, Environmental and Space
Sciences) ————— 18

SEVAB (Sciences for Ecology, Veterinary,
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A. Labat - communication

Postgraduate studies at the university of toulouse

The 15 Doctoral Schools (ED) of the University of Toulouse offer a comprehensive portfolio of PhD programs in all disciplines.

Entry requirements

Are eligible to the PhD programs : the students holding a Master's Degree or equivalent (i.e: Master's Degree /track research, Master's Degree of Science, Professional Master's Degree) or an engineer's degree. The pre-requisites will be assessed by the Doctoral School of interest to the applicant.

Application procedures

The Doctoral Schools and research laboratories of the University of Toulouse have a multi-faceted research profile and can provide the students with a range of research topics. The students can also contact the relevant Doctoral School for counseling and guidance by a designated the University of Toulouse supervisor which will help them build their research project. Once the project has been accepted by the thesis supervisor, the host laboratory and the Doctoral School, the applicants can enroll or can be given a certificate allowing them to enroll.

Funding

Applicants are requested to arrange their funding before joining a Doctoral School (especially in science and technology). The funding must cover the three years of study to enable them to be entirely dedicated to their research activities. Funding is available from a range of sources: higher education and research PhD contracts, external funding by industry or foreign governments, French National Research Agency aid for research-based projects, European programs, bilateral financial aid for co-supervised theses...

Beware !
1000 euros a month is the minimum amount requested to apply for a PhD program*.

* May not be compulsory in some doctoral schools.

Postgraduate studies at the university of toulouse

Thesis co-supervision

Thesis co-supervision facilitates PhD students' mobility. Its terms (registration, mobility scheme, viva jury, oral defense, etc...) are stated in the agreement signed by the two participating institutions. The students conduct their work in two research laboratories under the joint supervision of two Researchers. They defend their thesis before a jury comprising members of both institutions. Following the satisfactory completion of their Doctorate, they are awarded the PhD degree in the two partner universities.

The Doctorate

Doctoral studies consist in completing a scientific work (often contract-based) conducted in a research laboratory over a period of three years. This first professional experience goes together with the writing and defense of a thesis (the "in viva" can be in English). The PhD students are also requested to prepare their entry on the job market in the private or public sector, in France or abroad. The Doctoral School of Toulouse supports their mobility projects and provides a unique environment to help them get a job or set up their own company.

And next ?

Many newly PhD graduates opt for a research career in public research laboratories or intend to become researcher-lecturers at university. But they can also gain jobs in the private sector. Thanks to their high level of expertise, they can join the R&D departments of leading companies; their cross-disciplinary competences make them highly eligible for regional authorities, NGOs, non-profit organizations.... Their know-how, sense of creativity, communication and project management skills and their experience team-work are as many valuable assets to secure successful positions in many sectors of activity.



Aeronautics & Astronautics

Alias : ed-aa@univ-toulouse.fr - Website : <http://edaa.isae.fr>

SCIENTIFIC DOMAINS

- Aeronautics
- Aircraft Multidisciplinary Design
- Space systems
- Space Missions
- Safety and Risk Management of Air Traffic
- Performance optimisation and cost reduction
- Environmental impact of aircraft and spacecraft
- Embedded systems
- Robotics

RESEARCH LABORATORIES AND HIGHER EDUCATION INSTITUTIONS

- ONERA (French aerospace lab) : <http://onera.fr/dcsd>
- Higher Education Institutions : ENAC, INSA, INPT
- ISAE : <http://recherche.isae.fr/>
- Universities :
Université Toulouse III Paul Sabatier, Université Toulouse 1 Capitole, Université Toulouse – Jean Jaurès
- Industrial Companies (Eurocopter, EADS, Airbus, Astrium, THALES, SAFRAN, etc)

KEY FIGURES

50
students
(around 20% of foreign students)

15
PhD awarded per year

Art, Literatures, Languages, Philosophy, Information & Communication

Alias : ed-alpha@univ-toulouse.fr - Website : <http://alpha.univ-tlse2.fr>

SCIENTIFIC DOMAINS

The ALLPH@ Doctoral School admits students in the following fields :

- Arts (theatre and dance, film, music, applied)
- World Literatures
- Philosophy
- Modern Foreign Languages (English, Spanish, German, Italian, Portuguese, Russian and Polish)
- Information and Communication Sciences

KEY FIGURES

310

students

(35% foreign students)

97

researchers and academics

39

PhD degrees awarded per year

11

Research laboratories

RESEARCH LABORATORIES

- LLA/CREATIS EA 4152 : Literature, Languages and Arts
- PLH EA 4153 : Patrimony, Literature, Hermeneutics, Cultural legacy
- CAS EA801 : British, American, and Commonwealth Studies
- ERRAPHIS EA 3051 : Research on Philosophical Rationality and Knowledge
- LAIRDIL EA 3695 : Foreign Language Learning and Teaching
- LERASS EA 82 : Applied Research in Social Science
- CREG EA 1940 : Research Centre for German Studies
- LARA, EA 4154 : Audiovisual Research Centre
- L'IRIEC : Cultural Studies Centre
- CERTOP UMR CNRS 5044 : Research Group on Communication, Risks, Health and Environmental Issues
- II LABORATORIO : Italian Studies Centre

Biology, Health & Biotechnologies

Alias : ed-bsb.adm@univ-toulouse.fr + ed-bsb.peda@univ-toulouse.fr
Website : <http://www.edbio.ups-tlse.fr/>

SCIENTIFIC DOMAINS

- Structural and functional biology
- Molecular biology
- Molecular genetics
- Metabolic & cardiovascular diseases
- Cell biology
- Cancer Research
- Developmental Biology
- Microbiology
- Neurosciences
- Physiopathology
- Immunology
- Pharmacology
- Epidemiology
- Physiopathology
- Anthropobiology
- Bioethics

RESEARCH LABORATORIES

- Institute of Pharmacology and Structural Biology (IPBS) : <http://www.ipbs.fr/>
- Physiopathology Center of Toulouse (CPTP) : <http://www.toulouse.inserm.fr/site/u563/>
- Institute of Metabolic and Cardiovascular Diseases (I2MC) : <http://i2mr.toulouse.inserm.fr/>
- Toulouse Cancer Research Center (CRCT) : http://www.toulouse-limoges.inserm/mpl/fr/laboratoire/zone_geographique/toulouse/unite_1037.html
- Research Center on Food Toxicology (TOXALIM) : http://www.toulouse.inra.fr/pharmacologie_toxicologie/
- Center for Developmental Biology (CBD) : <http://www-cbd.ups-tlse.fr/>
- Lab. of Microbiology and Molecular Genetics (LMGM) : <http://www-lmgm.biotoul.fr/>
- Lab. of Eukaryotic Molecular biology (LBME) : <http://www-lbme.biotoul.fr>
- Lab. of Molecular and Cellular biology of Proliferation Control (LBCMCP) : <http://www-lbcmcp.ups-tlse.fr/>
- Research Center on Animal Cognition (CRCA) : <http://cognition.ups-tlse.fr/>
- Lab. of Molecular Anthropobiology and Computer Imaging (AMIS) : <http://www.anthropobiologie.cict.fr/>
- Lab. of Pharmacochimistry of Natural Substances (LPSNPR) : <http://www.ird.fr/umr152/>
- Lab. of Epidemiology and Public Health Analyses : <http://www.u558.toulouse.inserm.fr/>
- Lab. of Epidermal Differentiation and Rheumatoid Autoimmunity

KEY FIGURES

360

students
(20% foreign students)

705

researchers and academics

88

PhD degrees awarded
per year

30

laboratories

Behavior, Language, Education, Socialisation & Cognition

Alias : ed-clesco@univ-toulouse.fr - Website : <http://clesco.univ-tlse2.fr>

SCIENTIFIC DOMAINS

- Ergonomics
- Education sciences
- Language sciences
- Human movement sciences

- Neurosciences
- Neuropsychology
- Psychology

RESEARCH LABORATORIES

- CLLE - Cognition, Langues, Langage, Ergonomie : UMR 5263
- EFTS - Education, Formation, Travail, Savoirs: UMR MA 122
- OCTOGONE - Unité de recherche interdisciplinaire : EA 4156
- LCPI - Laboratoire de Psychologie Clinique, Psychopathologique et Interculturelle : EA 4591
- PDPS - Psychologie du Développement et Processus de Socialisation : EA 1697
- CERCO - Centre de Recherche Cerveau et Cognition : UMR 5549
- INSERM - Institut National de la Santé Et de la Recherche Médicale : UMRS 825
- LST - Laboratoire du Stress Traumatique : EA 4560
- PRISSMH - Programme de Recherche Interdisciplinaire en Sciences du Sport et du Mouvement Humain : EA 4561

KEY FIGURES

291
students
(24% foreign students)

291
researchers
and academics

53
PhD awarded
per year

9
laboratories

Mathematics, Computer science & Telecommunications

Alias : ed-mitt@univ-toulouse.fr - Website : <http://www.edmitt.ups-tlse.fr/>

SCIENTIFIC DOMAINS

- Algebra
- Analysis
- Geometry
- Probability
- Statistics
- Scientific computing
- Partial differential equations
- Image Analysis and Synthesis
- Indexing and Information search
- Interaction

- Autonomy
- Dialogue and Cooperation
- Reasoning and Decision
- Modelling
- Algorithms and High Performance Computing
- Architecture
- Systems and Networks
- Safety of Software Development
- Signal Processing

RESEARCH LABORATORIES

- UMR 5219 - IMT : Institut de Mathématiques de Toulouse IMT (CNRS-UPS-INSAT-UT1-UT2)
- UMR 5505 - IRIT : Institut de Recherche en Informatique de Toulouse (CNRS-UPS-INPT-UT1-UT2)
- U 825 - Imagerie Cérébrale et Handicaps Neurologiques (UPS- INSERM)
- INSERM - Laboratoire d'Epidémiologie et Analyses en Santé Publique (UPS- INSERM)
- GREMAQ - Groupe de Recherche en Economie Mathématiques Quantitatives (CNRS-UT1-INRA)
- UPR 8001 - LAAS : Laboratoire d'Analyse et d'Architecture des Systèmes (CNRS)
- UPR 875 - Unité de Biométrie et Intelligence Artificielle (INRA)
- Laboratoire d'Optimisation Globale (ENAC-CENA)
- URE CNS - Unité de Recherche et d'Expertise sur les Systèmes de Communication, Navigation, Surveillance (ENAC)
- UMR 5277 - IRAP - Equipe Signal Image pour les Sciences de l'Univers
- MOIS - Modélisation et Ingénierie des Systèmes (ISAE-ONERA)
- SCANR - Signal, Communication, Antennes, Navigation, Radars (ISAE-ONERA)
- Equipe Projet Algorithmique Parallèle (CERFACS)

KEY FIGURES

480
students
(40% foreign students)

630
researchers
and academics

99
PhD awarded
per year

13
laboratories

Electrical, Electronic, Engineering & Telecommunications

Alias : ed-geet@univ-toulouse.fr - Website : <http://www.laas.fr/GEET/>

SCIENTIFIC DOMAINS

- New Power electron devices, integration, modeling and processing
- Materials for energy conversion and integrated systems, converters, command and diagnostic
- Optronics and imaging circuits, System On Chip
- Light sources and applications, photovoltaic, OLED systems
- Nanophotonics engineering quantum well Lasers, VECSELS
- Nano Silicon Devices spintronic-mesoscopic issues
- Nanobiotechnologies
- Micro-Nanofluidics and related embedded Systems
- NEMS RF and smart dusts for communications
- MEMS for structure control and indoor communications
- Microwave and optical devices, electrical noise, MMIC circuits, antennas and related electromagnetic issues
- Sensors and Microsystems for gas and live species detection
- Dielectric materials, processing-and reliability
- Materials and plasma applications, modeling and processing
- Medical radiophysics and Imaging

RESEARCH LABORATORIES

- Lab. on Plasma and Conversion of Energy (LAPLACE) : <http://www.laplace.univ-tlse.fr>
- Lab. for Analysis and Architecture of Systems (LAAS) : <http://www.laas.fr/>
- Lab.on Optronics-Laser-Physical Imaging, Space Environment (OLIMPES) : <http://recherche.isae.fr/olimpes>
- Cerebral Imagery and Neurologic Handicap (INSERM 825) : <http://www.u825.toulouse.inserm.fr>
- Molecular Medicine Institute (INSERM 858) : <http://www.chu-toulouse.fr>
- Lab. on Space and Medical Imaging (LERISM)
- Simulation, Instrumentation and Materials for Dosimetric Applications (SIMAD) : <http://simad-ups.fr/>
- Center for Materials Elaboration and Structural Studies (CEMES) : <http://www.cemes.fr>
- High Magnetic Field National Laboratory (LNCMI) : <http://www.lncmi.org/>
- Lab on Production Engineering (LGP) : <http://www.enit.fr/sr/404/index.php>
- Joint Labs : "PRIME" (ALSTOM Industry), "Pix-Cell" (ESSILOR Industry)

KEY FIGURES

300

Phd's in progress
(50 % are foreign students,
20% industry supported thesis)

320

researchers and academics

58

PhD awarded and several
distinctions awarded
each year

10

main laboratories and
2 joint industrial/academics
laboratories

Management Science

Alias : ed-sg@univ-toulouse.fr - Website : <http://www.edgestion-toulouse.fr/>

SCIENTIFIC DOMAINS

- Accounting, auditing & accountability
- Finance
- Information systems
- Human resource management
- Marketing
- Production and operations management
- Strategy

RESEARCH LABORATORIES

- Center for Research in Management (CRM) - Toulouse Graduate School of Management : <http://crm.univ-toulouse.fr> [University of Toulouse 1]
- Cognition and Management Lab (LGC) : <http://www.lgc.iut-tlse3.fr> [University of Toulouse III]
- TBS Research Centre : <http://www.tbs-education.fr/en> [Toulouse Business School]

KEY FIGURES

70

students
(55% of foreign students)

105

researchers and academics

10

PhD degrees awarded
per year

3

laboratories

Méchanics, Energetics, Civil and Process Engineering

Alias : ed-megep@univ-toulouse.fr - Website : <http://www.ed-megep.fr>

GENERAL DOMAINS, SCIENTIFIC TOPICS, APPROACHES

- Water, energy and environmental engineering
- Engineering for health
- Space engineering
- Agrofood
- Chemical, physical and biological process engineering
- Civil engineering
- Mechanical engineering
- Forming and machining processes
- Materials, structure, system
- Durability and ageing
- Instabilities, control and vibrations
- Acoustics
- Multiphase flows
- Heat transfer
- Combustion
- Turbulence
- Experimentation, characterisation and measures
- Modeling, simulation, optimisation, process control
- Multiphysics

CHIFFRES-CLÉS

380

students

(40% international students)

114

PhD awarded
per year

11

key research laboratories
(CNRS, INRA...)

RESEARCH LABORATORIES

- LGC - Chemical Engineering Laboratory : <http://lgc.inp-toulouse.fr/?lang=en>
- ICA - Clement Ader Institute : <http://www.institut-clement-ader.org/index.php?lg=en&PHPSESSID=5aa4a2e00d020ddb8f13d5da4338520c>
- LISBP - Biosystems and Process Engineering Laboratory : http://www.lisbp.insa-toulouse.fr/en/presentation_of_lisbp.html
- RAPSODEE – Research in Albi on Particulate Solids, Energy and the Environment : <http://rapsodee.mines-albi.fr/en/>
- LAPLACE - Plasma and Energy Conversion Laboratory : <http://www.laplace.univ-tlse.fr/presentation/?lang=en>
- PHASE - Physics of Human Applied to Sound and Environment : <http://phase.ups-tlse.fr/>
- LMDC - Laboratory of Materials and Durability of Constructions : http://www-lmdc.insa-toulouse.fr/english/accueil/acc_eng.php
- CERFACS - Computational Fluid Dynamics : <http://www.cerfacs.fr/4-25708-Home.php>
- LGP - Production Engineering research Laboratory : <http://www.enit.fr/fr/recherche/le-laboratoire-genie-de-production-1.html>
- EDyF - Department of aeronautics, energetics and propulsion and DMAE <http://recherche.isae.fr/en/departments/daep.html> and <http://www.onera.fr/en/dmae>

Material Sciences

Alias : ed-sdm@univ-toulouse.fr - Website : <http://www.edsdm.ups-tlse.fr/>

SCIENTIFIC DOMAINS

- Theoretical physics
- Statistical physics
- Biophysics
- Theoretical and computational chemistry
- Molecular modelling and dynamics
- Atomic and molecular clusters
- Laser-matter interaction
- High magnetic fields
- Electronic and optical spectroscopy
- Materials
- Nanomaterials
- Biomaterials
- Multifunctional materials
- Transition metal chemistry
- Molecular chemistry
- Heterochemistry
- Polymers
- Biochemistry
- Catalysis
- Agro-industrial chemistry

RESEARCH LABORATORIES

- Center for Materials Elaboration and Structural Studies (CEMES) : <http://www.cemes.fr>
- Research and Engineering Center for Materials (CIRIMAT) : <http://www.cirimat.cnrs.fr>
- Lab. for Collisions, Clusters, and Reactivity (LCAR) : <http://www.lcar.ups-tlse.fr>
- Lab. for Analysis and Architecture of Systems (LAAS) : <http://www.laas.fr/NBS> and <http://www.laas.fr/N2IS>
- Lab. for Agro-Industrial Chemistry (LCA) : <http://lca.ensiacet.fr>
- Lab. for Transition-Metal Chemistry (LCC) : <http://www.lcc-toulouse.fr>
- Lab. for Quantum Chemistry and Physics (LCPQ) : <http://www.lcpq.ups-tlse.fr>
- Lab. for Pharmacochemistry and Pharmacology for Development (PHARMA-DEV) : <http://www.pharmadev.ird.fr>
- Lab. for Physics and Chemistry of Nano-Objects (LPCNO) : <http://lpcno.insa-toulouse.fr>
- Lab. of Theoretical Physics (LPT) : <http://www.lpt.ups-tlse.fr>
- Lab. Synthesis and Physico-Chemistry of Molecules of Biological Interest (SPCMIB) : <http://spcmib.ups-tlse.fr>
- Lab. Molecular Interactions and Chemical and Photochemical Reactivity (IMRCP) : <http://imrcp.ups-tlse.fr>
- The Production Engineering Research Laboratory (LGP) : <http://www.enit.fr/sr/174/index.php>
- Lab. for Fundamental and Applied Hetero-chemistry (HFA) : <http://hfa.ups-tlse.fr>
- High Magnetic Field National Laboratory (LNCMI) : <http://www.toulouse.lncmi.cnrs.fr>

KEY FIGURES

400

students

(1/3 foreign students)

500

researchers and academics

138

PhD awarded
per year

15

laboratories

Geosciences, Environmental and Space Sciences

Website : <http://sdu2e.omp.obs-mip.fr/> Alias : ed-sdu2e@univ-toulouse.fr

SCIENTIFIC DOMAINS

- Astronomy & Astrophysics
- Space Sciences
- Earth and Planetary Sciences Geodesy
- Remote Sensing
- Climatology
- Meteorology & Atmospheric Sciences
- Oceanography
- Marine Chemistry & Biology
- Continental Surfaces Studies

- Geology
- Geochemistry
- Hydrology
- Hydrochemistry
- Cryospheric Sciences
- Soil Sciences
- Environmental Sciences
- Ecology

KEY FIGURES

236
students
(1/3 foreign students)

430
researchers and academics

58
PhD awarded
per year

14
laboratories

RESEARCH LABORATORIES

- Centre for the Study of Radiation in Space (CESR) : <http://www.cesr.fr/>
- Center for the Study of the Biosphere from Space (CESBIO) : <http://www.cesbio.ups-tlse.fr/>
- European Center for Advanced Training and Research in High Performance Computing (CERFACS) : <http://www.cerfacs.fr/>
- Environmental Data Collection and Location from Space (CLS) : <http://www.cls.fr/>
- Institute of Fluid Mechanics of Toulouse (IMFT) : <http://www.imft.fr/>
- Instrumentation and Physics in Space (PSI) : http://www.isae.fr/fr/la_recherche/equipes_d_accueil_doctoral/physique_spatiale_et_instrumentation_psi.html
- Laboratory for the Study of Oceanography and Geophysics from Space (LEGOS) : <http://www.legos.obs-mip.fr/>
- Laboratory for Earth and Planetary Dynamics (DTP) : <http://www.dtp.obs-mip.fr/>
- Laboratory of Aerology (LA) : <http://www.aero.obs-mip.fr/>
- Laboratory of Astrophysics in Toulouse and Tarbes (LATT) : <http://www.ast.obs-mip.fr/>
- Laboratory of Functional Ecology (ECOLAB) : <http://www.ecolab.ups-tlse.fr/>
- Laboratory of Functional Ecology and Environmental Physics (EPHYSE) : <http://www.bordeaux-aquitaine.inra.fr/ephyse/>
- Laboratory of Geological Processes and Transports (LMTG) : <http://www.lmtg.obs-mip.fr/>
- National Center for Meteorological Research (CNRM) : <http://www.cnrm.meteo.fr/>

Sciences for Ecology, Veterinary, Agronomy and Bioengineering

Alias : ed-sevab@univ-toulouse.fr - Website : <http://www.sevab.ups-tlse.fr/fr/>

SCIENTIFIC DOMAINS

- Biodiversity
- Ecology and Evolution
- Food security and safety
- Agrosystems, Ecosystems and Environment
- Enzyme and Microorganisms Engineering
- Plants-Microorganisms Interactions
- Plant Development

- Pathology, Parasitology
- Toxicology
- Modelling of biological systems
- Genetic and Nutrition

KEY FIGURES

250
students
(1/3 foreign students)

360
researchers and academics

60
PhD awarded
per year

69
research teams

24
laboratories

RESEARCH LABORATORIES

- Biosystems and Process Engineering Laboratory – LISBP : <http://www.lisbp.insa-toulouse.fr/>
- Evolution & Biological Diversity – EDB : <http://www.edb.ups-tlse.fr/>
- Research laboratory in Vegetal Sciences – LRCV : http://www.lrsv.ups-tlse.fr/index_en.php
- Laboratory of Plant-Microbe Interactions – LIPM : <http://www2.toulouse.inra.fr/centre/lipm/>
- Chemical Engineering Laboratory - LGC : <http://lgc.inp-toulouse.fr/>
- Agrosystems & Territorial Development – AGIR : <http://www.agir.toulouse.inra.fr/agir/>
- Forestry Dynamic of Rural Space - DYNAFOR : http://www.inra.fr/toulouse_dynafor
- Behavior and Ecology of Wildlife – CEFS : <http://www2.toulouse.inra.fr/cefs/index.html>
- Station of Animal Genetic Improvement – SAGA : <http://germinal.toulouse.inra.fr/>
- Genomic & Fruit Biotechnology – GBF : <http://www.ensat.fr/fr/blue/gbf.html>
- Animal Tissues, Nutrition, Digestion, Ecosystems, Metabolism – TANDEM : <http://www.toulouse.inra.fr/tandem>
- Station of Experimental Ecology – SEEM : <http://www.ecoex-moulis.cnrs.fr/index2.htm>
- Research Centre in Food Toxicology – TOXALIM : <http://www4.toulouse.inra.fr/toxalim/Presentation>
- Mathematics & Applied Informatics – BIA : <http://carlit.toulouse.inra.fr/wikiz/index.php/Accueil>

Legal and Political Sciences

Alias : ed-sjp@univ-toulouse.fr - Website : <http://edscjupo.ut-capitole.fr>

SCIENTIFIC DOMAINS

- National and European legal orders, relationships and reciprocal influences
- Constitutional and political changes
- Risk globalisation and security policies (internal and external aspects)
- Normativity mutations in the domain of juridical acts and law of persons
- Emerging new goods and their incidence upon juridical operations
- Responsibilities: rupture and rebuilding

RESEARCH CENTERS

- Business Law Centre (CDA)
- Private Law Centre (CDP) : Family law, Contract Law, Criminology and Criminal Science
- Centre for Constitutional and Political Studies (CERCP)
- Research Group on Governance and Security (GRSG)
- Toulouse Centre of Law History and Political Ideas (CTHDIP)
- Space, Territories and Communication Law Institute (IDETCOM)
- Institute of Legal Studies, Urban Planning and Construction (IEJUC)
- Research Institute on European International Law (IRDEIC)
- Laboratory of Social Sciences of Politics (LASSP)
- Theory of Acts and Public Institutions Control (TACIP)

KEY FIGURES

480
students
(40% foreign students)

135
researchers and academics

55
PhD awarded
per year

11
research units

Systems

Alias : ed-systemes@univ-toulouse.fr - Website : www.laas.fr/EDSYS

SCIENTIFIC DOMAINS

Increasingly complex systems are being conceived and exploited, covering a wide range of applications from stand-alone systems (such as the control of a machine) to global systems (such as the conception of products or services). The notion of integration is fundamental in the conception and implementation of a system.

The Systems Doctoral School focuses on organization, analysis, conception, control, command and implementation of integrated systems by proposing five Areas of expertise for a large field of applications spectrum:

- Areas of expertise

- Automatic control
- Industrial Engineering
- Computer Sciences
- Embedded Systems
- Robotics Domaines d'applications

- Fields of application

- Space and aeronautic systems
- Goods and services production systems
- Robotic systems
- Environment, transport and health

RESEARCH LABORATORIES

- CGI -The Industrial Engineering Center : www.enstimac.fr/recherche/gind
- CSDV -Systems Control and Flight Dynamic (ISAE-ONERA) : www.onera.fr/en/dcsd et <http://recherche.isae.fr/en>
- ICA -Clément Ader Institute: www.institut-clement-ader.org
- LAAS -Laboratory for Analysis and Architecture of Systems : www.laas.fr
- LAPLACE -Laboratory on Plasma and Conversion of Energy : www.laplace.univ-tlse.fr
- LGC -Laboratoire de Génie Chimique : <http://lgc.inp-toulouse.fr>
- LGP -The production engineering research laboratory: <http://www.enit.fr/fr/recherche.html>
- RESCO -RESeaux de COmmunication de données -ENAC : www.recherche.enac.fr/resco/ and www.enac.fr/fr/profile/laboratoires

KEY FIGURES

200
students
(50% foreign students)

200
researchers and academics

33
doctoral degrees awarded
per year

8
laboratories
(19 research teams)

Time, Spaces, Societies, and Cultures

Alias : ed-tesc@univ-toulouse.fr - Website : <http://tesc.univ-tlse2.fr>

SCIENTIFIC DOMAINS

- Archeology (from prehistory to industrial ages)
- History (from Antiquity to Contemporary times)
- Architecture
- Geography
- Economics
- Sociology
- Research on agribusiness innovation and organization

KEY FIGURES

455
students
(1/3 foreign students)

52
PhD awarded
per year

400
researchers and academics

9
laboratories

RESEARCH LABORATORIES

- AGIR – Agrosystèmes et Développement Territorial, Equipe IODA (Innovation, Organizations and Agribusiness Dynamics), INR : <http://www.toulouse.inra.fr/agir/index.php>
- Center of Studies and Research on Work, Organization and Power (CERTOP) : <http://w3.certop.univ-tlse2.fr/>
- Rural Dynamics : http://www.univ-tlse2.fr/LB013/0/fiche_laboratoire/&RH=02Equipes
- Meridional France and Spain. History of the societies from medieval ages to contemporary times (FRAMESPA) : <http://framespa.univ-tlse2.fr/>
- Environmental Geography (GEODE) : <http://w3.geode.univ-tlse2.fr/>
- Lab. for Research in Architecture (LRA) : <http://www.toulouse.archi.fr/>
- Lab. for Studies and Research on Economics, Politics and Social Systems (LEREPS UT1) : <http://w3.univ-tlse1.fr/LEREPS/>
- Interdisciplinary Lab. for Social Solidarities, Societies, Territories (LISST) : <http://w3.lisst.univ-tlse2.fr/>
- Archeological Studies and Research on Cultures, Spaces and Societies (TRACES) : <http://traces.univ-tlse2.fr>

Toulouse School of Economics

Alias : ed-tse@univ-toulouse.fr - Website : <http://www.tse-fr.eu/>

SCIENTIFIC DOMAINS

- Industrial Economics and Regulation (theory and applications)
- Microeconomics (theory and applications)
- Theoretical and Applied Econometrics
- Macroeconomics (Growth, labour, Business Cycles, Monetary Policy)
- Public Economics and Political Economy
- Finance and Insurance
- Natural Resources Economics
- Development Economics

RESEARCH LABORATORIES

- GREMAQ (Research group in Quantitative Economics) : <http://gremaq.univ-tlse1.fr/gremaq.php>
- LERNA (Natural Resources Economics Laboratory) : <http://www2.toulouse.inra.fr/lerna>
- ARQADE (Research Group in Quantitative Aspects of Economic Development) : <http://tlse-fr.eu/arqade/>

KEY FIGURES

90
PhD students
(70% international students)

120
researchers and academics

20
PhD awarded per year

3
research centres

