



Université
Fédérale

Toulouse
Midi-Pyrénées

DOCTORAL PROGRAMME

SDM

**PHYSICS, CHEMISTRY
AND MATERIAL SCIENCES**

> SCIENCES
AND TECHNOLOGY

www.univ-toulouse.fr/PhD

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

KEY FIGURES

 **350**
PHD CANDIDATES
(33% FOREIGN STUDENTS)

 **500**
RESEARCHERS
AND ACADEMICS

 **100** PhD
GRANTED PER YEAR

 **15**
RESEARCH
LABORATORIES

RESEARCH LABORATORIES

CEMES
Center for Materials Elaboration and Structural Studies
www.cemes.fr

CIRIMAT
Research and Engineering Center for Materials
www.cirimat.cnrs.fr

LCAR
Lab. for Collisions, Clusters, and Reactivity
www.lcar.ups-tlse.fr

LAAS
Lab. for Analysis and Architecture of Systems
www.laas.fr/NBS and <http://www.laas.fr/N2IS>

LCA
Lab. for Agro-Industrial Chemistry
<http://lca.ensiacet.fr>

LCC
Lab. for Transition-Metal Chemistry
www.lcc-toulouse.fr

LCPO
Lab. for Quantum Chemistry and Physics
www.lcpq.ups-tlse.fr

PHARMA-DEV
Lab. for Pharmacochimistry and Pharmacology for Development
www.pharmadev.ird.fr

LPCNO
Lab. for Physics and Chemistry of Nano-Objects
<http://lpcno.insa-toulouse.fr>

LPT
Lab. of Theoretical Physics
www.lpt.ups-tlse.fr

SPCMIB
Lab. Synthesis and Physico-Chemistry of Molecules of Biological Interest
<http://spcmib.ups-tlse.fr>

IMRCP
Lab. Molecular Interactions and Chemical and Photochemical Reactivity
<http://imrcp.ups-tlse.fr>


LGP
The Production Engineering Research Laboratory
www.enit.fr/fr/recherche/le-laboratoire-genie-de-production-1.html

LHFA
Lab. for Fundamental and Applied Hetero-chemistry
<http://lhfa.cnrs.fr>

LNCMI
High Magnetic Field National Lab. Toulouse
www.toulouse.lncmi.cnrs.fr




www.univ-toulouse.fr

-  Université de Toulouse
-  @Univ_Toulouse
-  univ_toulouse
-  Université Fédérale Toulouse Midi-Pyrénées
-  Université_de_Toulouse

MORE INFORMATIONS?

 www.edsdm.ups-tlse.fr

 ed-sdm@univ-toulouse.fr

 +33 (0)5 62 25 00 64