



# •PhD.

UNVEILING  
A NEW  
GENERATION  
OF TALENTS



PSL

#1 UNIVERSITY IN FRANCE\*

Université PSL offers the ideal environment in the heart of Paris for an academic culture of excellence, creativity and innovation. Arts, sciences, engineering, humanities and social sciences are at the heart of its intellectual and scientific ambition.

## PSL, A WORLD-CLASS UNIVERSITY IN THE HEART OF PARIS



By joining PSL, you access an exceptional scientific, artistic, literary and cultural education, as well as a very high level of training, covering all areas of knowledge. From bachelor's degree to PhD, you will have the opportunity to follow courses at the crossroads of our 25 institutions and all disciplines. A global university, anchored in the interdisciplinary, selective, engaged in the promotion of equal opportunities, PSL creates the world of tomorrow. Our ambitions: to discover those with the greatest potential, to help them to succeed, and to unveil a new generation of talents.

**17,000** STUDENTS    **4,500** RESEARCHERS    **181** LABORATORIES    **26** NOBEL PRIZES    **10** FIELDS MEDALS    **46** CNRS GOLD MEDALS

## TRAINING AND SUPPORTING PSL'S DOCTORAL STUDENTS

An unparalleled scientific framework to create, undertake, innovate... and meet the great challenges of the contemporary world. A PhD at PSL brings teaching excellence in all disciplines and close supervision through the Doctoral College.

- **Excellence** • An academic environment of excellence where basic research and applied research communicate, where universities, research organizations and the socio-economic world interact, where freedom of thought and entrepreneurship are encouraged.
- **Supervision** • A dedicated body, the Doctoral College, implements PSL's doctoral policy, coordinates among 30 schools and 2 doctoral programs, promotes PSL PhD programs, disseminates best practices, and conducts professional follow-up with PSL PhDs.
- **Interdisciplinarity** • Hard sciences, humanities, social sciences, arts... A transdisciplinary research ecosystem, resolutely thought out to stimulate interaction and collaboration between disciplines and to encourage the circulation of ideas and talents.
- **Innovation** • A spirit of creation and experimentation inspires all of PSL's activities. It contributes to the creation of original research initiatives, transfers of technology and knowledge, and promotes the emergence of breakthrough innovations.

## JOIN PSL

- **An internationally recognized doctoral degree**  
The PSL PhD offers a threefold guarantee: the French degree most widely recognized worldwide, awarded by France's top-ranked university, and acquired at one of France's largest institutions of higher education.
- **Immersion in a state-of-the-art research ecosystem**  
By joining PSL, you gain access to a high-level interdisciplinary research ecosystem. 181 laboratories, 14 Labex, 6 IRIS, 10 Chairs of Excellence, a community of more than 4,500 researchers... But also many partnerships with the industrial and socio-economic world and the largest research organizations (CNRS, Inria, Inserm).
- **Access to a wide range of disciplines, covering all fields of research**  
Science and engineering, humanities, economics and social sciences, the arts... The richness and diversity of the specialties of our 30 doctoral schools will allow you to explore the boundaries of your discipline while developing a transdisciplinary intellectual approach.
- **The guarantee of dual expertise, both scientific and professional**  
Communications, management, ethics and scientific integrity, career planning, teaching, entrepreneurship, languages... To enrich your skills and hone your future aspirations, the Doctoral College offers a large catalog of cross-cutting and professional training opportunities in various formats (modules, lecture series, MOOC, etc.).
- **A research environment geared toward your success**  
Digital resources (more than 4 million documents online), state-of-the-art equipment, 90 libraries... At PSL, you will have all the essential material support for your individual and group work, plus the benefit of the wealth of cultural and living spaces available at our 25 institutions (co-working spaces, fablabs, artists' studios, etc.).

## PSL DOCTORATE: KEY FIGURES

- 3,800** PHD STUDENTS
- 800** NEW PHD STUDENTS IN THEIR 1<sup>ST</sup> YEAR
- 30** DOCTORAL SCHOOLS
- 47%** WOMEN
- 46%** INTERNATIONAL STUDENTS

## EMPLOYMENT\*

- 72%** EMPLOYED WITHIN SIX MONTHS
- 77%** IN R&D OR EDUCATION
- 83%** IN PERMANENT POSITIONS
- 32%** IN THE PRIVATE SECTOR
- 3%** IN BUSINESS CREATION / ENTREPRENEURSHIP
- 38%** WORKING ABROAD

\*2015 PhD Employment Survey (454 PSL PhDs from ENC, EHESS, ENS, MINES, Paris Dauphine, Observatoire de Paris)

## — Access to an international and multidisciplinary research community

Countries, disciplines or institutions... At PSL, research has no borders. Through cross-cutting education and international projects with the largest universities, you will connect with doctors, researchers and PSL alumni of diverse backgrounds. There are many opportunities to stimulate your creativity, discover new methodologies and create a network of unequalled cultural and geographical diversity, bringing together leaders in research and innovation and contact with industry actors.

## — A springboard for your doctoral career

Teaching, basic research, entrepreneurship... Public sector or private sector? Whatever your ambitions, a PhD at PSL will open all doors for you. As the first step in your professional life, this recognized experience of conducting research projects will allow you to acquire a solid and complete range of know-how and skills while developing your knowledge of the socio-economic world.

## — Working to promote your doctorate

Whether to disseminate and transfer knowledge, or to help advance your career, PSL's Doctoral College provides opportunities for you to participate in important events and promotional activities (such as contests, "My thesis in 180 seconds", fairs, and the PhD Talent Career Fair).



## INNOVATIVE AND MULTIDISCIPLINARY DOCTORAL PROGRAMS

### INNOVATION AND ENTREPRENEURSHIP WITH PSL-ITI AND PSL-ITEAMS

2 tracks – the PSL-ITI PhD program and PSL-iTeams – combine scientific expertise and entrepreneurial skills.

### ARTS AND CREATION WITH THE SACRe DOCTORATE

Unprecedented and resolutely interdisciplinary, the SACRe (Sciences, Arts, Creation, Research) PhD brings together artists, creators, interpreters, and theorists in the hard, human, and social sciences with the aim of bringing to light original artistic projects combining creation and research.



## PSL DOCTORAL SCHOOLS

### EARTH AND SPACE SCIENCES

- Astronomy & astrophysics (DS 127)
- Earth and environmental sciences and physics of the universe, Paris (DS 560)
- Environmental science of Ile de France (DS 129)
- Geoscience, natural resources & environment (DS 398)

### MATHEMATICS, PHYSICS, CHEMISTRY, ENGINEERING SCIENCES

- Engineering sciences (DS 432)
- Fundamental and applied sciences (DS 364)
- Information and communication sciences and technologies (DS 84)
- Mathematics Hadamard (DS 574)
- Mathematical science of Paris (DS 386)
- Mechanics, acoustics, electronics & robotics of Paris (DS 391)
- Molecular chemistry of Paris (DS 406)
- Physical & analytical chemistry of Paris (DS 388)
- Physics & chemistry of materials (DS 397)
- Physics of Ile de France (DS 564)
- Dauphine Doctoral School (DS 543)

### BIOLOGY, MEDICINE AND HEALTH

- Bio Sorbonne Paris Cité Doctoral School (DS 562)
- Brain cognition behavior (DS 158)
- Cancerology: biology, medicine, health (DS 582)
- "Frontières du vivant" Doctoral School (DS 474)
- Hematology, oncogenesis, biotherapies (DS 561)
- Life science complexity (DS 515)
- Medication, toxicology, chemistry, imaging (DS 563)
- Signalling and integrative networks in biology (DS 568)
- Structure and dynamics of living systems (DS 577)
- École Pratique des Hautes Études Doctoral School (DS 472)

### HUMANITIES AND SOCIAL SCIENCES

- Arts & média (DS 267)
- Economics, organizations, society (DS 396)
- Economics Panthéon-Sorbonne (DS 465)
- Interdisciplinary Doctoral School (Humanities / Sciences) (DS 540)
- Dauphine Doctoral School (DS 543)
- École des Hautes Études en Sciences Sociales Doctoral School (DS 286)
- École Pratique des Hautes Études Doctoral School (DS 472)



## MORE INFORMATION

[collegedoctoral.psl.eu/en](http://collegedoctoral.psl.eu/en)

## CONTACT US

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### Université PSL



### Research centers



### Associate members

