

# Training and Formations during your PhD

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<https://ed560.ed.univ-paris-diderot.fr/en/rules-for-training/>

# Goals of training during your PhD

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- Help you to develop your **career plan**, weather your pursue in academia/research or in the private sector and help you to be well equipped for the pursuit of your future career
- **Wide range of courses**, from some directly linked to career development, to other very specialized scientific courses
- Help you develop a **broad set of disciplinary and cross-disciplinary skills**
- Avoid overspecialization and open up to other topics than you PhD subject.

# Your professional project

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- Start thinking from the very beginning of your PhD about your **career plan**
- Identify your professional objectives, which can evolve during your PhD
- Build **your own professional project** from the first year of PhD, and update it every year.
- Develop necessary skills throughout the 3 years
- Check your project/training goals with your PhD supervisor, and with the Doctoral School (Frederic and Irena)

# Approval of training schemes by STEP'UP

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- Start filling your **Individual Training Project now** (pdf available on the webpage)
- Send your ITP to Frederic or myself **by beginning of Dec 2022**
- Update it every year
- Take most of trainings first 2 years of your PhD
- The PhD can be defended **only if the training schemes is approved** by the Doctoral School (Fred and me)
- You must validate at least **15 points by trainings** before your PhD defense



# 15 Points for training

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- By the end of your PhD, you need to have a **minimum of 15 points**
- A minimum of **5 points** has to be in scientific trainings (ED STEPUP, Master courses...)
- **Mandatory trainings:**
  - Ethics and scientific integrity: **1 point**
  - Recruitment day: 1 point (date not yet known)
- If you have an active participation in the organization of the Doctoral Congress, you will have 1 to 3 points (change/past)
- General rule: **1 day of training or 8 hours = 1 point**
- Master courses: **1 ECTS = 1 point**
- Workshops and summer schools: do not count (but some exceptions if general schools: please check with Frederic or myself ).

# Training on ethics and scientific integrity

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- See <https://ed560.ed.univ-paris-diderot.fr/ethics-and-integrity/>
- At UPC: <https://u-paris.fr/doctorat/tout-le-catalogue/> (site still under construction for 2022-2023)
- There is a MOOC in English (link on ED webpage)  
<https://www.fun-mooc.fr/en/courses/research-integrity-scientific-professions/>
- Or many others you available.. Please check with us

# Requirements if you teach during your PhD

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- If you have a **teaching contract**, you need to follow at least 2 days ( ie **2 points** of trainings) dedicated to pedagogy, didactics..
- Besides those 2 points, for **each year of teaching** during your PhD, you get **one point**

# Different types of trainings

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- **Purely scientific courses** (from ED STEPUP, College de France, other doctoral Schools, Masters ...)
- **Interdisciplinary courses** (didactics, learning oral and written communication tools ...)
- **Language courses** (French as foreign language, English, other languages you want to learn ...)
- Trainings for professional integration or career development
- Others ...



# Scientific courses offered by STEPUP

<https://ed560.ed.univ-paris-diderot.fr/en/training-proposed-by-the-doctoral-school/>

 Français

 English

Upcoming defences

## Actualités

\* LabEx UnivEarthS Fall School

\* Congrès des Doctorant·e·s

Déconfiné·e·s CD<sup>3</sup>

\* Main contest 2021

\* PhD Scholarship of the Data

Intelligence Institute of Paris (diiP)

\* 2021 campaign for contracts with

Initiative des Infinis of SU

Search ...



In case of problems with this website: [contact](#)

Howdy, Irena Nikolic | [Logout](#)

## Courses offered by the Doctoral School

For all courses, you should register [here beforehand](#) (PLEASE FILL IN THE TRAINING CODE AND THE TITLE OF THE COURSE)

Please note that there is no email of confirmation after filling the Google form.

PhD training can be divided into three parts;

- **Science courses :**

[Read more](#)

- **Introductory courses :**

[Read more](#)

- **Interdisciplinary courses :**

[Read more](#)

These lists are not exhaustive, and you should first check whether a given course is eligible by contacting the representative of the university in which you are enrolled within the Doctoral School Administration.

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Below are the lists of courses offered by the STEP'UP Doctoral School, by type:

- Scientific courses:

[Show list](#)

- Introductory courses:

[Show list](#)

# Scientific courses offered by STEPUP: detail

ED 560 STEPUP Customise 6 132 + New Edit Page Sidebar Debug Hi, Irena Nikolic

Below are the lists of courses offered by the STEPUP Doctoral School, by type:

• Scientific courses:

Hide

Show 25 entries Search:

Ouvert/Fermé Open/Closed	Code de la formation Training code	Nom de la formation Training title	Intervenants Teachers	Langue Language	Composante Component	Dates - Lieux Dates - Locations	Nombre de points Number of points
Ouvert Open	ED-SPU2-STE2	Non-linear Dynamics in Geosystems	Frédéric PERRIER (IPGP)	English	PU, TE	October 2021 to December 2021 First course: Friday October 29 11am-13pm - IPGP Cuvier Room P21	3
Ouvert Open	ED-SPU3-STE3	Physics of Natural Sites: Concepts and Methods	Frédéric GIRAULT, Frédéric PERRIER and Guillaume CARAZZO (IPGP)	English	PU, TE	September 2021 to November 2021 First course: Monday September 13 2pm-4pm - IPGP Cuvier Room P21	3
Ouvert Open	ED-SPU5-STE5	Elements of statistics	Marco BOMBEN (APC, UP)	English	PU, TE	13-17 June 2022	4
Ouvert Open	ED-STE6	Analyse des Données Sismiques des Réseaux des Observatoires Volcanologiques et Sismologiques Français	Eric JACQUES, Arnaud LEMARCHAND, Jean-Marie SAUREL, et Jean-Christophe KOMOROWSKI (IPGP)	Français	TE	Première séance obligatoire - Date : 14 janvier 2022, 10h-12h30 IPGP rue Cuvier, Salle des Conseils (salle 108)	5
Ouvert Open	ED-SPU10-STE10	Python for Impatients	Claudio SATRIANO (IPGP)	English	PU, TE	February-March 2022 In addition to the common	2

For each course:

- Schedule
- CODE
- points

# Scientific courses offered by STEPUP: registration through a Google Sheet

 Français

 English

[Upcoming defences](#)

## Actualités

\* [LabEx UnivEarthS Fall School](#)

\* [Congrès des Doctorant·e·s](#)

[Déconfiné·e·s CD<sup>3</sup>](#)

\* [Main contest 2021](#)

\* [PhD Scholarship of the Data](#)

[Intelligence Institute of Paris \(diiP\)](#)

\* [2021 campaign for contracts with](#)

[Initiative des Infinis de SU](#)

Search ...



In case of problems with this website: [contact](#)

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[Read more](#)

- **Introductory courses :**

[Read more](#)

- **Interdisciplinary courses :**

[Read more](#)

These lists are not exhaustive, and you should first check whether a given course is eligible by contacting the representative of the university in which you are enrolled within the Doctoral School Administration.

**There is no automatic confirmation email sent once you have enrolled in a course via this form.**

For all courses, you should register [here beforehand](#) (PLEASE FILL IN THE TRAINING CODE AND THE TITLE OF THE COURSE)

Below are the lists of courses offered by the STEP'UP Doctoral School, by type:

- Scientific courses:

[Show list](#)

- Introductory courses:

[Show list](#)



# Registration for courses offered by STEPUP

- For the courses organized by the doctoral school, you should register through the ED web page and a Google sheet
- For each course, your information and **CODE**  
Ex : ED-SPU5-STE5
- There is no confirmation email sent once you have registered!
- Your emails are given to the instructors for further information



## Registration for Doctoral School courses

Form for courses starting from September 2021

 iren.nikolic@gmail.com (not shared) [Switch accounts](#)

First Name

Your answer

Last Name

Your answer

Mail Address

# Upcoming scientific courses by STEPUP

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- Non linear dynamics in geosystems
- Physics of Natural Sites: concepts and methods
- Chemometrics in heterogeneous and complex systems
- Applied data analytics
- Stage de terrain BIOGEAUSOL
- Analyse des Données Sismiques des Réseaux des Observatoires Volcanologiques et Sismologiques Français
- Elements of statistics
- High performance computing: introduction to S-CAPAD/DANTE platform
- Neutrino physics
- Observational Cosmology
- Quantum field theory

## Other courses: all listed on the ED webpage

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Go to During your PhD -> Doctoral Training Program -> Other degree programs:

<https://ed560.ed.univ-paris-diderot.fr/en/more-courses/>

- Courses by Université de Paris

<https://u-paris.fr/bibliotheques/doctorants-se-former/>

- Courses from Sorbonne Université

<https://www.sorbonne-universite.fr/recherche-et-innovation/le-doctorat/developpement-du-projet-professionnel-et-poursuite-de-carriere>

- Courses from PSL

<https://collegedoctoral.psl.eu/formation-doctorale/catalogue-de-formation/>

- College de France, CNRS, Université Paris Saclay...

- Many other offers in the Ile de France: do not hesitate!

# For trainings not organized by the STEPUP

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If the **training is not organized by the ED**,  
please contact Frederic or myself prior to enrollment  
in order to be sure that the training can count for  
points.

If the **training is organized by other doctoral schools** (ED 127..  
please contact the person in charge of the course to  
ask if you can enroll (and Fred and myself)

If the training is at **College de France**,  
there is a certificate of presence to establish (contact  
Irena for paperwork)

For trainings through **ADUM**:  
see the ED webpage on how to enroll

For other trainings if not clear: check with us

# Conclusions

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- Start thinking from the beginning of your PhD what are the trainings that will be of interest for you during and after your PhD
- Fill in your individual training project and send it to Fred or myself by the beginning of December
- If you can not attend a course you have registered for, please inform the lecturer and put us in CC
- Do not hesitate to contact Fred ([girault@ipgp.fr](mailto:girault@ipgp.fr)) or Irena ([nikolic@lpnhe.in2p3.fr](mailto:nikolic@lpnhe.in2p3.fr)) for any further questions
- Make the best of the next 3 years!



At UP: <https://u-paris.fr/bibliotheques/doctorants-se-former/>

The screenshot shows a web browser window with the URL <https://u-paris.fr/doctorat/tout-le-catalogue/>. The browser's address bar and bookmarks are visible. The website header includes the Université Paris Cité logo and navigation links: "Actualités", "Contact", "Les Écoles Doctorales", "Financer sa thèse", "Réaliser son doctorat UP", "Se former", and "Diriger des recherches". A search bar with the placeholder "Rechercher une formation" is present. A red banner states: "L'offre de formation du département de formation des doctorants est en cours de renouvellement pour l'année universitaire 2022-2023. Le catalogue sera mis à jour très prochainement." Below the banner are seven colored boxes representing different categories of doctoral formation:

- English speaking courses** (purple box)
- Enseignement supérieur et recherche** (pink box)
  - > Enseignement et pédagogie
  - > Recherche et valorisation
- Emplois et carrières** (green box)
  - > Entreprise et organisations
  - > Innovation
- Humanités numériques** (teal box)
- Langues** (light purple box)
- Outils et méthodes** (light pink box)
  - > Éthique et intégrité scientifique
  - > Gérer sa thèse
  - > Médiation et communication
  - > Outils numériques
- Science ouverte** (light blue box)

Enrollment through  
AMETHIS interface.

# Sorbonne Université trainings



rs1801376 (BU018)	AA	GG	AG	$\chi^2 = 12.388$ $p = 0.002$
	25 (36.2)	9 (13.0)	35 (50.7)	
	38 (67.9)	4 (7.1)	34 (25.0)	
rs1047130 (BU018)	GG	AA	AG	$\chi^2 = 12.306$ $p = 0.002$
	43 (64.2)	6 (9.0)	18 (26.9)	
	19 (32.8)	9 (15.5)	30 (51.7)	
rs1565866 (BU019)	GG	TT	GT	$\chi^2 = 8.719$ $p = 0.013$
	15 (22.4)	19 (28.4)	33 (49.3)	
	26 (46.4)	8 (14.3)	22 (39.3)	
rs1047130 (BU018)	AA	GG	AG	$\chi^2 = 6.367$ $p = 0.041$
	22 (31.9)	18 (26.3)	33 (47.8)	
	9 (15.8)	21 (36.8)	27 (47.4)	

## Développement du projet professionnel

<https://www.sorbonne-universite.fr/recherche-et-innovation/le-doctorat/developpement-du-projet-professionnel-et-poursuite-de-0>

# Sorbonne Université trainings: Job Teaser

<https://www.sorbonne-universite.fr/sites/default/files/media/2021-01/calendrier-janvier-juillet2021.pdf>

## Approfondissement méthodologique et environnement numérique

### Environnement numérique

LaTeX for beginners		3x0.5j
LaTeX Intermediate level		2x0.5j
Thesis writing using LaTeX		0,5 j
Mettre en forme son manuscrit de thèse avec Microsoft Word	Français	0,5 j
Format your PhD manuscript using Microsoft Word	Anglais	0,5 j
Software		0,5 j
Gérer ses figures avec Microsoft Word	Français	0,5 j
Managing figures using Microsoft Word	Anglais	0,5 j
Mettre en forme son diaporama avec Microsoft Powerpoint	Français	0,5 j
Create a presentation with Microsoft Powerpoint	Anglais	0,5 j
Contribuer à Wikipedia	Français	0,5 j
Contribute to Wikipedia	Anglais	0,5 j
Extraire des données en ligne et publier ses propres données		0,5 j
Visualisation des données sous R		0,5 j

Janvier	Février	Mars	Avril	Mai	Juin	Juillet
	4, 11, 18					
				13, 20, 27		
28						
	2	16		11		
	25		19			
			8	25		
	26	22	22			
25		18				
	12	23				
		8	9			
			16	12		
					7	
		16, 17, 18				
	16, 17, 18					

## Communication et langues

### Communication

Découvrez les principes d'efficacité de la communication écrite et orale		1 j
Communiquez efficacement à l'écrit	Français	2 j

Janvier	Février	Mars	Avril	Mai	Juin	Juillet
26						
28, 29		22, 23			1. 2*	



# Courses by PSL

# Catalogue de formations transverses

[Accueil](#) > [Formation doctorale](#) > [Catalogue de formations transverses](#)



## Catalogue de formation

Le Collège Doctoral propose aux doctorants de PSL une large gamme de formations à vocation professionnalisante (emploi, carrière, communication, management...) mais également des formations plus spécifiques.

## Formation doctorale

## Catalogue de formations transverses

Innovation et entrepreneuriat

PSL-iTeams

[Retour sur PSL-iTeams 2020/2021](#)

[Retour sur PSL-iTeams 2019/2020](#)

[Retour sur PSL-iTeams 2018/2019](#)

[Retour sur PSL-iTeams 2017/2018](#)

## Ethique et intégrité scientifique

## Enseignement et pédagogie