

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

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

Your professional project

- 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** (Fred and Irena)

Approval of training schemes by STEP'UP

- Start filling your individual training project now
- Send it to Fred or myself by the end of November
- Update it every year
- PhD can be defended only if the training schemes is approved by the Doctoral School
- You must validate at least 15 points by trainings before your PhD defense



15 Points for training

- 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**
 - Participate in the organization of the Doctoral Congress (**1 to 3 points**)
- General rule: **1 day of training = 1 point**
- Master courses: **1 ECTS = 1 point**
- Workshops and summer schools: do not count (with some rare exceptions: check with Frederic or myself)

Training on ethics and scientific integrity

- The actual training, organized by Helene Lyon-Caen for STEPUP, is in French. The exact date will be known later.
- There is a MOOC in English (link on ED webpage)
<https://www.fun-mooc.fr/en/courses/research-integrity-scientific-professions/>
- UP gives a training in scientific integrity with the Open Science perspective (OSCI I) in December
<https://u-paris.fr/bibliotheques/doctorants-se-former/>

Requirements if you teach during your PhD

- 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, **each year of teaching** during the PhD gives you **one point per year**

Different types of trainings

- 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..)
- Trainings for professional integration or career development
- Others...

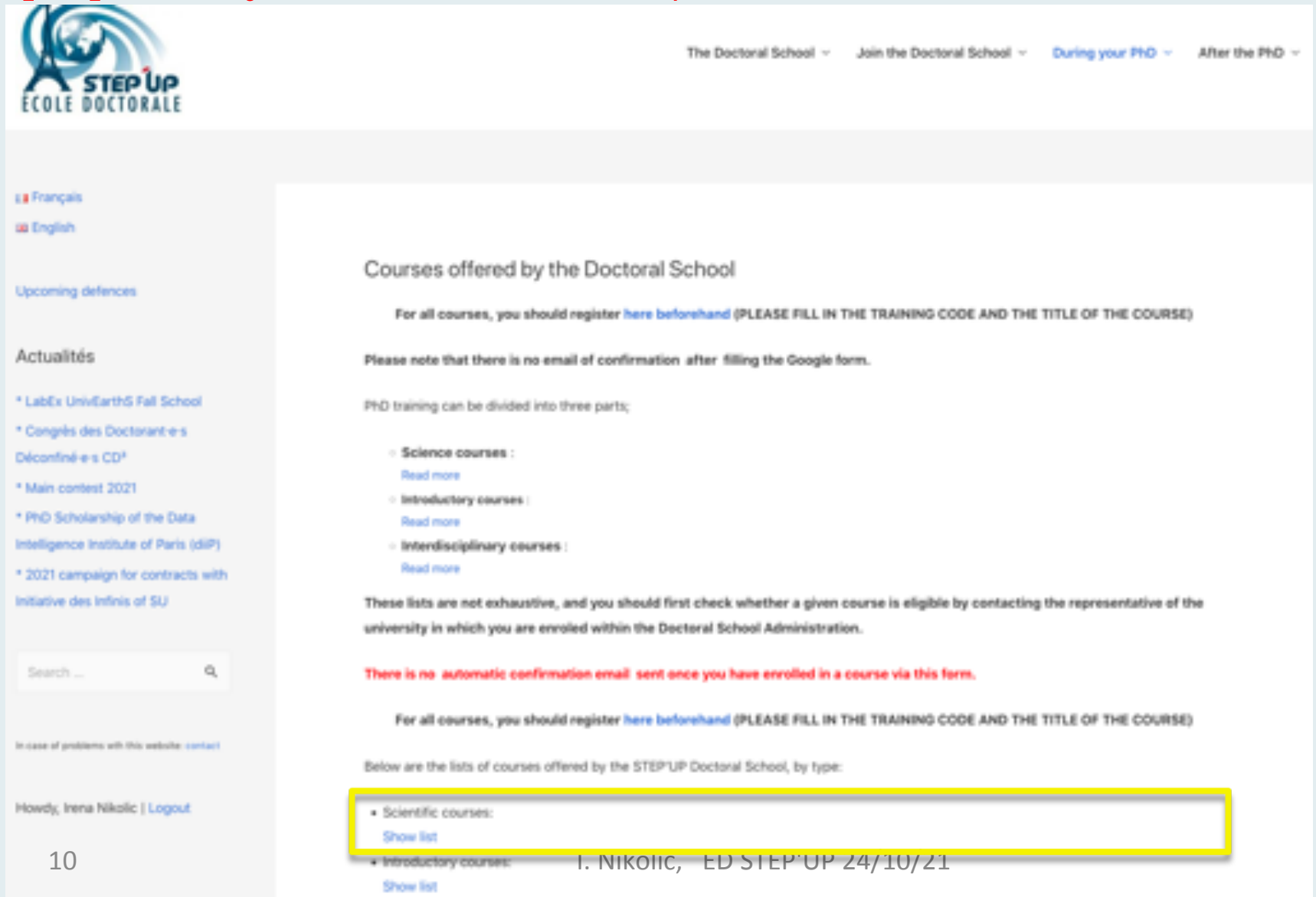
ED Web site

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

The screenshot displays the ED Web site interface. At the top left is the 'STEP UP ÉCOLE DOCTORALE' logo. The top navigation bar includes links: 'The Doctoral School', 'Join the Doctoral School', 'During your PhD', and 'After the PhD'. A left sidebar contains sections for '1st Phase', '2nd Phase', 'Learning resources', 'Actualités', and a search bar. The main content area is titled 'The Doctoral School' and features the 'STEP UP ÉCOLE DOCTORALE' logo. The text describes the school's focus on 'Earth and Environment Sciences and Physics of the Universe in Paris', mentioning that over 100 PhD candidates defend their theses annually. It also notes that over 100 thesis subjects are presented every year and open to the public. At the bottom, logos for 'ED', 'U', 'S', and 'PSL' are displayed. The footer mentions 'Association created by the Ministry of Higher Education'.

Scientific courses offered by STEPUP

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



The screenshot shows the website of the STEPUP Doctoral School. The header includes the logo and navigation links: 'The Doctoral School', 'Join the Doctoral School', 'During your PhD', and 'After the PhD'. The left sidebar contains a language selector (Français, English), 'Upcoming defences', and 'Actualités' with a list of recent events. The main content area is titled 'Courses offered by the Doctoral School' and includes instructions for registration, a note about confirmation emails, and a list of course types: Science, Introductory, and Interdisciplinary. A yellow box highlights the 'Scientific courses' section, which includes a 'Show list' link.

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.

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 STEPUP Doctoral School, by type:

- **Scientific courses:**
[Show list](#)
- **Introductory courses:**
[Show list](#)

Scientific courses offered by STEPUP: detail

Below are the lists of courses offered by the STEPUP Academic School, by topic

Scientific courses

Search

Course Name	Course Code	Course Title	Course Description	Language	Course Level	Course Dates	Course Points
Quantum Mechanics	STEPUP-001	Quantum Mechanics	Introduction to Quantum Mechanics	English	PGD 10	October 2021 to December 2021 First course Friday October 28 11:00-12:00 PGD Course Room 101	5
Quantum Mechanics	STEPUP-002	Quantum Mechanics	Introduction to Quantum Mechanics	English	PGD 10	September 2021 to November 2021 First course Monday September 13 10:00-11:00 PGD Course Room 101	5
Quantum Mechanics	STEPUP-003	Quantum Mechanics	Introduction to Quantum Mechanics	English	PGD 10	12-17 June 2022	5
Quantum Mechanics	STEPUP-004	Quantum Mechanics	Introduction to Quantum Mechanics	English	PGD 10	First course Friday October 28 11:00-12:00 PGD Course Room 101	5
Quantum Mechanics	STEPUP-005	Quantum Mechanics	Introduction to Quantum Mechanics	English	PGD 10	First course Monday September 13 10:00-11:00 PGD Course Room 101	5
Quantum Mechanics	STEPUP-006	Quantum Mechanics	Introduction to Quantum Mechanics	English	PGD 10	12-17 June 2022	5

- For each course:
- schedule
 - “code”
 - points

Scientific courses offered by STEPUP: registration through a Google Sheet

The screenshot shows the STEPUP ÉCOLE DOCTORALE website. The header includes the logo and navigation links: 'The Doctoral School', 'Join the Doctoral School', 'During your PhD', and 'After the PhD'. The sidebar on the left contains links for 'Français', 'English', 'Upcoming defences', and 'Actualités'. The 'Actualités' section lists several events, including 'LabEx UnivEarthS Fall School' and 'Congrès des Doctorant-e-s Déconfiné-e-s CD³'. The main content area is titled 'Courses offered by the Doctoral School' and includes a registration instruction: 'For all courses, you should register [here beforehand](#) (PLEASE FILL IN THE TRAINING CODE AND THE TITLE OF THE COURSE)'. A note states: 'Please note that there is no email of confirmation after filling the Google form.' Below this, it mentions 'PhD training can be divided into three parts:' and lists 'Science courses', 'Introductory courses', and 'Interdisciplinary courses', each with a 'Read more' link. A warning box with a yellow border contains the text: 'There is no automatic confirmation email sent once you have enrolled in a course via this form.' Below the warning box, the same registration instruction is repeated. At the bottom, it says 'Below are the lists of courses offered by the STEPUP Doctoral School, by type:' and lists 'Scientific courses' and 'Introductory courses', each with a 'Show list' link. The footer includes the user name 'Howdy, Inena Nikolic' and a 'Logout' link.

STEPUP
ÉCOLE DOCTORALE

The Doctoral School ▾ Join the Doctoral School ▾ During your PhD ▾ After the PhD ▾

🇫🇷 Français
🇬🇧 English

Upcoming defences

Actualités

- * LabEx UnivEarthS Fall School
- * Congrès des Doctorant-e-s Déconfiné-e-s CD³
- * Main contest 2021
- * PhD Scholarship of the Data Intelligence Institute of Paris (diiP)
- * 2021 campaign for contracts with Initiative des Infinis of SUJ

Search ... 🔍

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

Howdy, Inena 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 :
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There is no automatic confirmation email sent once you have enrolled in a course via this form.

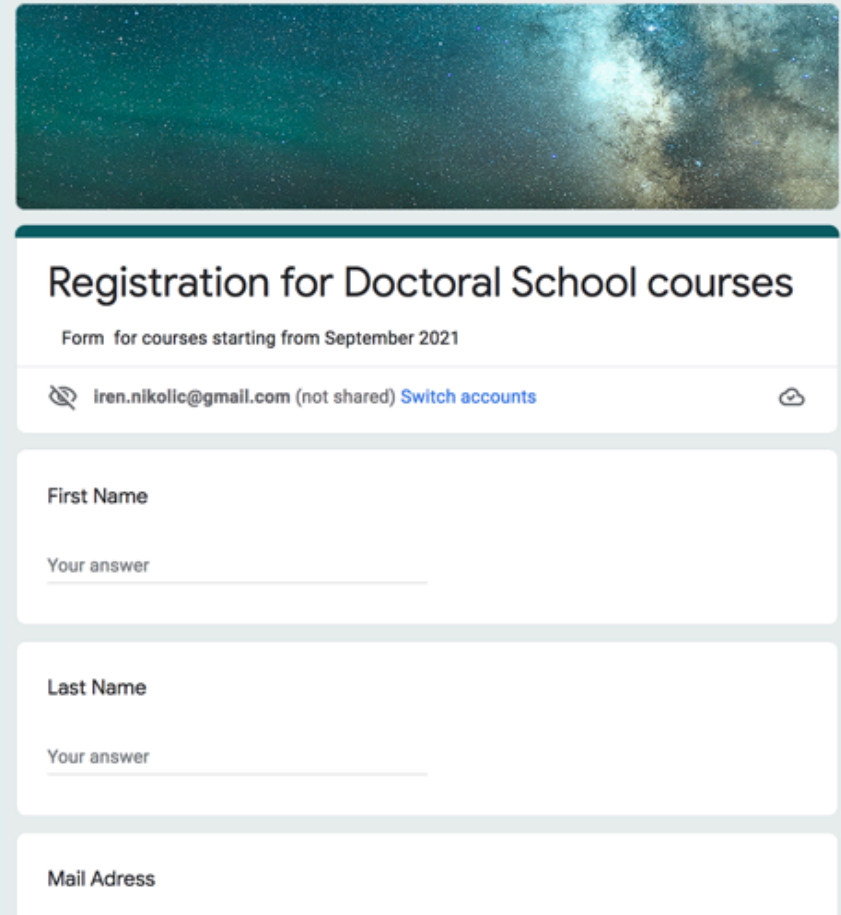
For all courses, you should register [here beforehand](#) (PLEASE FILL IN THE TRAINING CODE AND THE TITLE OF THE COURSE)

Below are the lists of courses offered by the STEPUP 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 + **CODE**
Ex : ED-SPU5-STE5
- There is **no confirmation email** sent once you have registered.
- Your emails are given to the instructors



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

- Non linear dynamics in geosystems
- Physics of Natural Sites: concepts and methods
- Analyse des Données Sismiques des Réseaux des Observatoires Volcanologiques et Sismologiques Français
- Different aspects of the Virgo gravitational wave direct detection
- Exoplanets
- Seismic imaging of the Earth at the global scale
- Elements of statistics
- Python for Impatiens
- GIT


Other courses: all listed on the ED webpage
<https://ed560.ed.univ-paris-diderot.fr/en/more-courses/>

 English

Upcoming defences

Actualités

- * LabEx UnivEarthS Fall School
- * Congrès des Doctorant-e-s
- Déconfiné-e-s CD³
- * Main contest 2021
- * PhD Scholarship of the Data Intelligence Institute of Paris (diiP)
- * 2021 campaign for contracts with Initiative des Infinis of SU



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

Howdy, Irena Nikolic | [Logout](#)

Other degree programs

In addition to the [courses provided by the Doctoral School](#), it is recommended that you follow courses from other institutions, such as:

- Masters courses:

[Read more](#)

- Other Doctoral School courses:

[Read more](#)

- Other organisations such as:
 - [Collège de France](#) (need to establish a certificate of attendance: contact Irena Nikolic)
 - [Sorbonne University training program](#)
 - [Collège des Ecoles Doctorales et Bibliothèques de l'Université de Paris](#)
 - [Université de Paris training program](#)
 - [CNRS](#)
 - [Doctoral School of the PSL \(Paris Sciences & Lettres\)](#)
 - [Doctoral courses at University of Paris Saclay](#)
 - ['Association Science Ouverte Open Science'](#)

- Ethics training in English:

[Ethics and scientific integrity formation university of Bordeaux](#)

For trainings not organized by the STEPUP

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

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

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

For other trainings if not clear: check with us

Conclusions

- Start thinking from the beginning of your PhD what are the trainings that will be of interest for you
- Fill in your individual training project and send it to Fred or myself by the end of November
- 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) or Irena (nikolic@lpnhe.in2p3.fr) for any further questions
- Make the best of the next 3 years

Other courses: all listed on the ED webpage

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-0>

➤ 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!

At UP: <https://doctorat.u-paris.fr/catalogue/>

Enrollment through AMETHIS interface.

Open to all Doctoral School Students. if not at UP, mail to formation.dbm@listes.u-paris.fr

The screenshot shows the homepage of the University of Paris Doctoral Catalogue. At the top is the University of Paris logo and a navigation bar with links: 'Réaliser son doctorat', 'Financer sa thèse', 'Les écoles doctorales', 'Se Former', 'HDR', and 'Actualités'. Below the navigation bar, the main heading reads 'CATALOGUE DES FORMATIONS DU DÉPARTEMENT DE FORMATION DES DOCTORANTS'. A notice states: 'IMPORTANT : Le catalogue est en cours de mise à jour. Cependant vous pouvez déjà retrouver l'ensemble de nos formations pour le 1er semestre 2021 – 2022 sur AMETHIS et candidater : n'hésitez pas !' with a link '[connexion à Amethis]'. Below this are three featured cards: 'A DISTANCE (94)' with a laptop and coffee, 'Science ouverte (88)' with a globe, and 'Outils et Méthodes (59)' with a hand writing. On the right, a search bar is labeled 'Rechercher une Formation'. Below it, a 'Se Former' section lists: 'Catalogue', 'Département de Formation des Doctorant.e.s', 'Choisir son parcours', 'Valider sa formation', 'Comment s'inscrire', 'Évaluer sa formation', and 'Newsletter'. The University of Paris logo is at the bottom right.

Université de Paris

Réaliser son doctorat • Financer sa thèse • Les écoles doctorales Se Former • HDR Actualités

Accueil /

CATALOGUE DES FORMATIONS DU DÉPARTEMENT DE FORMATION DES DOCTORANTS

IMPORTANT : Le catalogue est en cours de mise à jour.
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[\[connexion à Amethis\]](#)

A DISTANCE (94)

Science ouverte (88)

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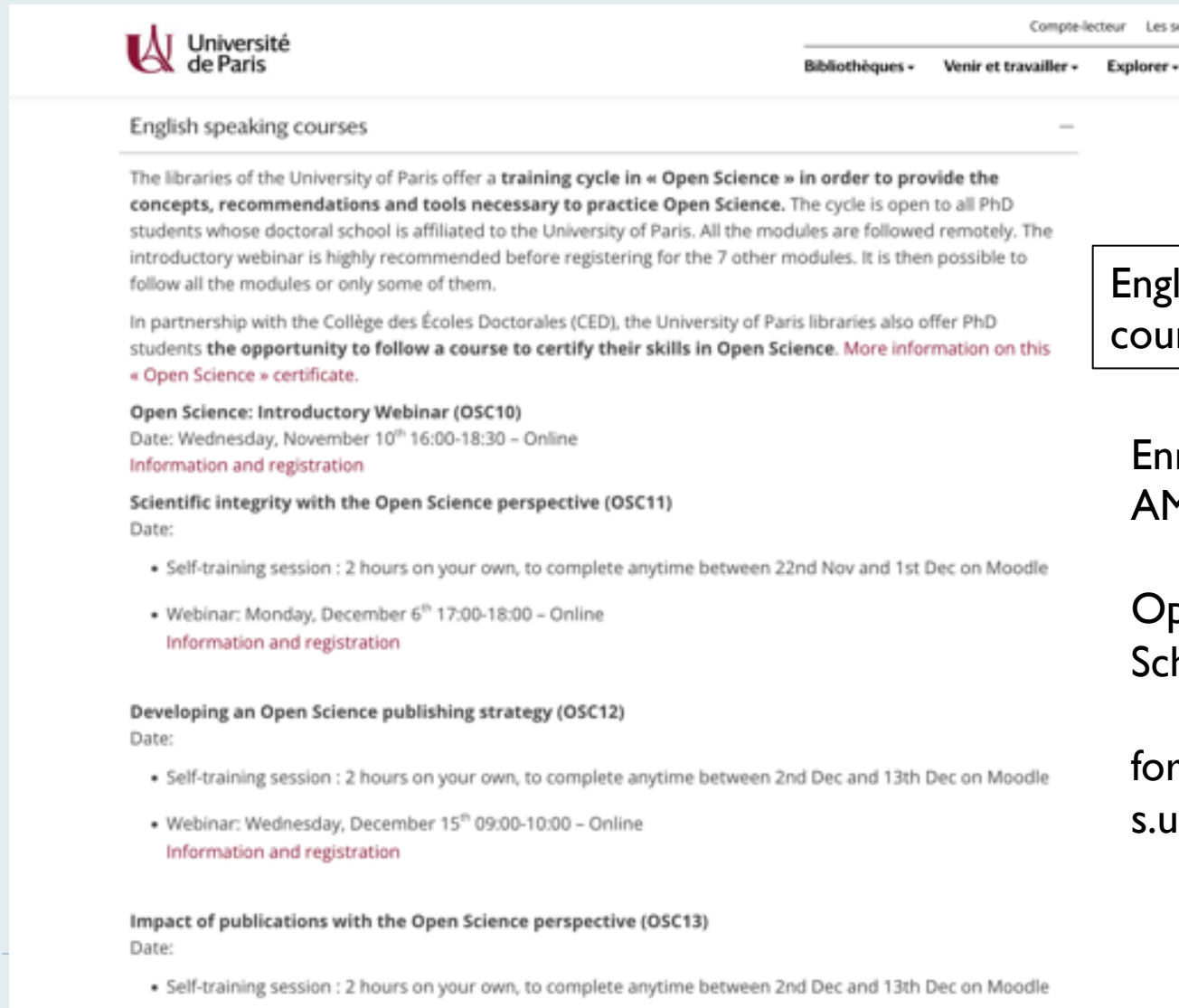
Rechercher une Formation

Se Former

Catalogue
Département de Formation des Doctorant.e.s
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Université de Paris

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



The screenshot shows the University of Paris website with the header "Université de Paris" and navigation links "Bibliothèques", "Venir et travailler", and "Explorer". The main content is titled "English speaking courses" and describes a training cycle for Open Science. It lists three specific courses: OSC10 (Introductory Webinar), OSC11 (Scientific integrity), and OSC12 (Developing an Open Science publishing strategy), each with a date and registration information. OSC13 (Impact of publications) is also listed at the bottom.

Compte-lecteur Les se

Bibliothèques - Venir et travailler - Explorer -

English speaking courses

The libraries of the University of Paris offer a **training cycle in « Open Science »** in order to provide the **concepts, recommendations and tools necessary to practice Open Science**. The cycle is open to all PhD students whose doctoral school is affiliated to the University of Paris. All the modules are followed remotely. The introductory webinar is highly recommended before registering for the 7 other modules. It is then possible to follow all the modules or only some of them.

In partnership with the Collège des Écoles Doctorales (CED), the University of Paris libraries also offer PhD students **the opportunity to follow a course to certify their skills in Open Science**. [More information on this « Open Science » certificate.](#)

Open Science: Introductory Webinar (OSC10)
Date: Wednesday, November 10th 16:00-18:30 – Online
[Information and registration](#)

Scientific integrity with the Open Science perspective (OSC11)
Date:

- Self-training session : 2 hours on your own, to complete anytime between 22nd Nov and 1st Dec on Moodle
- Webinar: Monday, December 6th 17:00-18:00 – Online
[Information and registration](#)

Developing an Open Science publishing strategy (OSC12)
Date:

- Self-training session : 2 hours on your own, to complete anytime between 2nd Dec and 13th Dec on Moodle
- Webinar: Wednesday, December 15th 09:00-10:00 – Online
[Information and registration](#)

Impact of publications with the Open Science perspective (OSC13)
Date:

- Self-training session : 2 hours on your own, to complete anytime between 2nd Dec and 13th Dec on Moodle

English speaking courses.

Enrollment through AMETHIS interface.

Open to all doctoral School Students

formation.dmb@liste.s.u-paris.fr

Sorbonne Université trainings



<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
Générer 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

General remark

- Some doctoral schools use the ADUM (Accès Doctorat Unique et Mutualise) system for trainings
- Unfortunately, UP is not using it. It complicates things for everybody:
 - For the courses organized by the doctoral school, there is a google sheet to fill