

DOCTORAL STUDENT GUIDE

From the Doctoral School n° 618 Euclide

LA ROCHELLE UNIVERSITE



A doctorate is a research-based course. It takes the form of an innovative personal research project that enables the student to become an expert in his or her field of research in three years and to acquire technical, organisational and relational skills.

The doctorate is the highest degree (Bac +8)
of French Higher Education
and internationally recognised

A word from the Management of the Doctoral School

The doctorate is the highest level of study that can be obtained.

This guide is intended to provide you with the essential information you need to succeed in your doctoral studies. You will find practical information on the organisation of the doctorate. The functioning of the "Euclid" Doctoral School and its transversal activities are explained here, but you will also discover the services that La Rochelle Université offers to accompany you during the preparation of your thesis, including some legal aspects.

Good reading, best thesis,

Karim AÏT-MOKHTAR
Director of the Euclid ED

Christel LEFRANCOIS
Head of Transversal Activities of the Euclid ED

www.univ-larochelle.fr/-Etudes-doctorales

The Euclide Doctoral School

The Euclide ED accompanies the doctoral student in his/her specific and transversal training and also follows the progress of the doctoral student in his/her research. The director and deputy directors also authorise the defence of the thesis according to the study regulations adopted by the ED council on 27 September 2018, updated on 11 September 2020 and based on [the decree of 25 May 2016 then modified the 22 August 2022, setting the national framework for training and the procedures leading to the award of the national doctoral diploma.](#)

The transversal activities pole of the Euclide ED coordinates the transversal training courses (see below) and ensures the actions common to all doctoral students registered in Euclide. The unit also organises various events (the doctoral students' first day of classes, the "Ma thèse en 180 secondes" competition, the second-year doctoral students' conference and the doctoral graduation ceremony).

Organisation of the EUCLIDE Doctoral School

Direction Karim Aït-Mokhtar and David Waterman

Doctoral School Office Karim Aït-Mokhtar, Paco Bustamante, Laurent Mascarilla, Jeanne Lallement, Céline Laronde-Clérac, Christel Lefrançois, David Waterman.

Cross-cutting activities referent Christel Lefrançois

Education officer of the doctoral school office Virginie Chabot

Administrators of the doctoral school Jennifer De la Corte Gomez & Isabelle Hirsch

Doctoral School Council :

| ED office representatives | Doctoral student representatives |
|--|---|
| Karim Aït-Mokhtar, Paco Bustamante, Laurent Mascarilla, Jeanne Lallement, Céline Laronde-Clérac, Christel Lefrançois, David Waterman | SHS : Ulysse Soulat Sciences : Zine-Eddine KRIBES (suppléante)) Larissa Moreira -Martins |
| Representatives of research units | External personalities |
| Vincent Ridoux (CEBC), Cyril Allery (LaSIE) , Alain Gaugue (L3I) | Isabelle Landriau (Ecole de la Mer), Ahmed Loukili (Ancien directeur ED Bretagne Pays de Loire) Bruno Baron (Animateur du site La Rochelle du Pôle Alpha-RLH , Maître Marc-Antoine Julien (Docteur en droit, Faculté de droit et sciences politiques) |
| ULR services representatives : Marie De Chalendar (DRH), Amandine Courtadon (DOI) | |

Assistant Directors - Doctoral School Referents according to your research unit

| Cross-cutting activities | | Christel Lefrançois | 05 46 45 72 17 | clefranc@univ-lr.fr |
|--------------------------|--------------------------------|-----------------------|----------------|----------------------------------|
| Research Unit | Domain | | | |
| CEJLR and CEIR | Right | Céline LARONDE-CLERAC | 05 46 45 86 43 | celine.laronde-clerac@univ-lr.fr |
| CRHIA, D2IA | Languages, Humanities, History | David WATERMAN | 05 46 45 68 51 | david.waterman@univ-lr.fr |
| LIENSs, CEBC, Ifremer | Environment | Paco BUSTAMANTE | 05 46 50 76 25 | paco.bustamante@univ-lr.fr |
| L3i, MIA | Maths, info | Laurent MASCARILLA | 05 46 51 87 43 | laurent.mascarilla@univ-lr.fr |
| TheSIA | Engineering Sciences | Karim AIT-MOKHTAR | 05 46 45 72 64 | karim.ait-mokhtar@univ-lr.fr |
| CEREGE | Economics, management | Jeanne LALLEMENT | 05 46 45 82 09 | jeanne.lallement@univ-lr.fr |

The LUDI Institute (Urban Sustainable Intelligent Coastline)

Within the framework of La Rochelle Université's specialisation strategy, the new LUDI institute "Intelligent Sustainable Urban Littoral" aims to make La Rochelle Université a university that is mobilised, positioned, known and recognised at the highest level in training and research, following disciplinary and multidisciplinary approaches, around a unique signature in France and abroad on the "Intelligent Sustainable Urban Coastline" allowing us to (1) increase our student and scientific intellectual power and (2) position ourselves as a major player in the societal and economic development of the region. This strategy of specialisation is today multiplied by the recent creation of the EU-CONEXUS European University, also specialised in the same theme, which today brings together 9 campuses in Europe.

Under the political responsibility of the Vice-President for Research and Director of LUDI, Christian Inard, and the administrative responsibility of Jean-Marc Wallet, the LUDI Institute links the Master's and Doctoral courses with the Research Units. The implementation of La Rochelle Université's scientific policy, the steering of research and the allocation of resources, as well as the funding of theses, is therefore ensured by the LUDI Council. Some activities are of particular interest to doctoral students:

- preparation of a post-doc (project, financing, file...),
- information on research administration and management (contracts, budgets, records),
- information on mobility programmes during and after the thesis
- participation in the research governance of the institution (4 seats are reserved for doctoral students in the Research Commission).

Contact:

Director of research and administration: Jean-Marc WALLETT, jean-marc.wallet@univ-lr.fr
05 46 45 68 90

Research units of La Rochelle Université

| | |
|--|---|
| CEBC Centre d'Etudes Biologiques de Chizé UMR 7372 - CNRS & La Rochelle Université https://www.cebc.cnrs.fr/ | CEIR Centre d'Études Internationales sur la Romanité La Rochelle Université www.ceir.univ-larochelle.fr |
| CEJLR Centre d'Études Juridiques de La Rochelle EA 3170 La Rochelle Université www.cejep.univ-larochelle.fr | CEREGE Centre de REcherche en sciences de GEstion EA 1722 co-accredited by the University of Poitiers and La Rochelle Université www.cerege.univ-larochelle.fr |
| CRHIA Centre de Recherches en Histoire Internationale et Atlantique University of Nantes & La Rochelle Université www.crhia.fr | L3i Laboratoire informatique, image et interaction EA 2118 La Rochelle Université https://l3i.univ-larochelle.fr/ |
| LaSIE Laboratoire des Sciences de l'Ingénieur pour l'Environnement UMR - 7356 CNRS & La Rochelle Université https://lasie.univ-larochelle.fr/ | LIENSs Littoral Environnement et Sociétés UMR - 7266 CNRS & La Rochelle Université https://lienss.univ-larochelle.fr/ |
| MIA Mathematics, Image and Applications EA 3165 La Rochelle Université http://mia.univ-larochelle.fr/ | D2iA Dynamiques, interactions, interculturalité Asiatique UMRU 24140 Université Bordeaux Montaigne & La Rochelle Université https://d2ia.fr/ |



Doctoral theses - various formats...

Theses are carried out either with a doctoral contract signed with La Rochelle Université (contractual doctoral students), or as an employee of another organisation (CIFRE, ADEME, etc.), but always with registration at La Rochelle Université. In all cases, the doctoral student is associated with the same laboratory or research unit as his/her thesis director. The thesis supervisor must be qualified to direct research (HDR) or benefit from an exemption.

Simple" thesis supervision: a single thesis supervisor supervises the research work.

Thesis co-directors: the two thesis co-directors may or may not belong to the same research unit attached to La Rochelle Université, but with a "main" thesis director as the doctoral student's principal attachment and referent for the ED.

International co-supervision: the doctoral thesis is prepared under the joint supervision of two directors, one at La Rochelle Université, the other in another institution abroad authorised to award the doctoral degree. The co-supervision of a thesis is governed by Title III of the Order of 25 May 2016 then modified the 22 August 2022. It must be the subject of an agreement between the two institutions. The student only pays the registration fees in one of the two institutions (often alternatively), carries out his or her training in both institutions and defends the thesis in one of the two institutions. Thanks to cotutelle, the doctoral student obtains a doctoral diploma in each of the two institutions.

The doctorate with European label: this is a label that recognises the European dimension. The doctoral diploma is sanctioned by a diploma supplement "Doctor Europeus" or "Doctorat Européen". To obtain this label, the following conditions must be met at La Rochelle Université (a) a research stay of at least 3 consecutive months in a European laboratory; (b) writing at least part of the manuscript in a European language other than French; (c) at least part of the defence must be conducted in a European language other than French and (d) the authorisation for the defence is granted by two European (outside France) HDR (or equivalent) rapporteurs other than the referent of the foreign host laboratory.

Missions during the thesis

As a member of a laboratory, the doctoral student must carry out his/her research on a subject, which is generally proposed by the laboratory. He/she is supervised by one or two research supervisors and sometimes, at most, one or two supervisors (for more details, see the ED regulations).

In addition, the doctoral student registered at La Rochelle Université **must follow 6 training units of 15 hours each: 2 transversal training courses and 2 specific training courses, the 2 other units can be either transversal or specific or a mixture of both depending on the doctoral student's project.**

Under certain conditions, complementary activities (teaching, expertise, dissemination of scientific and technical information and exploitation of research results) may also be carried out (maximum 64 hours of teaching and/or 32 days of expertise). In all cases, the total duration of complementary activities within the framework of a doctoral contract may not exceed one sixth of the annual working time.

For more information on complementary activities, please contact
gestion-enseignants@univ-lr.fr
contact_charges_enseignement@univ-lr.fr

Specific regulations for contractual doctoral students

The decree n° 2016-1173 of 29 August 2016 then modified the 22 August 2022 governs the contractual doctoral student. It is strongly advised to read it carefully. Some extracts:

- The remuneration;
- The duration of the doctoral contract is fixed at 3 years, except for specific extensions;
- A gap year may be granted by the President of the University;
- In addition to research activities, complementary teaching activities may be carried out under certain conditions.

The thesis charter

It sets out the principles of the respective rights and duties of the doctoral student, his/her thesis director, the laboratory and the Doctoral School. This charter is common to all doctoral students at La Rochelle Université.

See www.univ-larochelle.fr/Formation-doctorale

Doctoral courses

→ **Cross-disciplinary training:** This is common to all doctoral students at La Rochelle Université. They are organised by the cross-disciplinary activities centre and include modules on professional integration, enrichment of general and personal skills, communication and languages and research ethics.

→ **Specific training courses:** These are proposed and provided by the host laboratory in consultation with the doctoral school. The aim of these courses is to deepen the knowledge linked to the research themes of the host laboratory. When the laboratory does not offer specific training, you can find some outside (min. 15 hours for a training course) and consult (obligatorily) with your deputy director of the field on its possible validation.

Before the thesis defence, the Doctoral School director checks that the doctoral student has previously validated **6 training units** (including at least 2 transversal training courses and at least 2 specific training courses).

Training courses offered by the Doctoral School's cross-disciplinary activities division

The current cross-disciplinary training courses have been designed at La Rochelle Université to support the development of doctoral students' cross-disciplinary skills in order to :

Increase their personal skills and competencies

The cross-disciplinary activities unit supports this type of training because a solid personal training of the doctoral student increases his/her employability and personal development. It also helps to strengthen the links between the future researcher/executive and his/her former institution.

These courses include for instance language courses (refresher courses in English, writing scientific texts in English, conversation in English, courses in French as a foreign language) and communication courses (participation in and/or organisation of the "festival du film (pas trop) scientifique": production of a short film, participation in the "Ma Thèse en 180 secondes" competition and presentations (oral and poster) at the "Colloque des Doctorants de 2^{ème} année")

Professionalization and access to the business world

These courses aim to valorise the know-how and skills acquired during the thesis and learn how to protect new discoveries. The courses offered are for instance: intellectual property and valorisation and new thesis chapter

¹ As salaried staff of the University of La Rochelle, doctoral students on a doctoral contract may also access any training offered by the HRD

(skills assessment). Other courses allow for a doctoral-company face-to-face meeting (HACKATHON), organised by Campus Innov and the La Rochelle Université Foundation.

Basic Research and Education

These courses enable doctoral students to focus their research ("Specialised documentary research" in cooperation with the University Library) and to develop their teaching skills at university level. An open training course on "innovative pedagogy" is proposed in this sense.

This training offer is summarised in Table 1. Cross-curricular training is provided in the form of teaching units (TU). All the UEs have a minimum hourly volume of 15 hours. Doctoral students must take at least two of these courses. Details of these courses are given on the following pages.

The opening of certain courses is subject to the number of registered doctoral students. Other courses may be offered during the academic year. Please check with the doctoral school secretariat.

www.univ-larochelle.fr/Formation-doctorale

Table 1 - Cross-curricular training offer proposed by the Pôle des Activités Transversales.

| FORMATIONS | UE | Intitulé formation (15h minimum) | Année conseillée de doctorat |
|---|-------|--|------------------------------|
| General training | UE-1 | <i>Research ethics</i> | 1 |
| Personal skills | UE-2 | <i>English 1 (refresher course)</i> | 1 |
| | UE-3 | <i>English 2 (scientific writing)</i> | 1 |
| | UE-4 | <i>English 3 (conversation)</i> | 1 |
| | UE-5 | <i>FLE course - duration according to DELF/DALF level</i> | 1,2 |
| | UE-6 | <i>Participation/organisation of the "Festival du film (pas trop) scientifique"</i> | 1,2,3 |
| | UE-7 | <i>2nd year doctoral students" conference</i> | 2 |
| | UE-8 | <i>MT180" participation</i> | 1,2,3 |
| | UE-9 | <i>The future of the coastline through prospective fictionalization</i> | |
| | | | |
| Professionalization and access to the business world | UE-10 | <i>Innovation and Entrepreneurship Seminar: how to valorize your research work</i> | |
| | UE-11 | <i>Hackathon</i> | |
| | UE-12 | <i>LaTeX: writing scientific documents</i> | 1,2,3 |
| | UE-13 | <i>New thesis chapter (skills assessment)</i> | 3 |
| | | | |
| Research and Education | UE-14 | <i>Build your research method and manage your PhD</i> | 2,3 |
| | UE-15 | <i>RESCUE (Climate change resilience and the European Union)</i> | 1,2,3 |
| | UE-16 | <i>Responsible Conduct of Research (RCR) – ethics and politics of research in contemporary society</i> | |
| | UE-17 | <i>Specialized documentary research (BU)</i> | 1 |
| | UE-18 | <i>Training in university pedagogy</i> | 1,2 |
| | | | |

The schedule of these courses can be found at www.univ-larochelle.fr/Formation-doctorale. Other cross-disciplinary training courses to which La Rochelle Université doctoral students have access are offered at the [URFIST: http://weburfist.univ-bordeaux.fr/](http://weburfist.univ-bordeaux.fr/)

The courses open with a minimum enrolment of 12 students, except in special cases (FLE, Film Festival, MT180, HACKATHON and New Thesis Chapter).

Focus on the courses open at La Rochelle Université for 2022/2023:

| | | | |
|-----|--------------------|------------------------|------|
| UE1 | <i>h. variable</i> | <i>Research ethics</i> | MOOC |
|-----|--------------------|------------------------|------|

A list of MOOC can be found:

<https://www.hceres.fr/fr/annuaire-des-formations-doctorales-integrite-scientifique#:~:text=La%20formation%20%C3%A0%20l'%C3%A9thique,enseignement%20comme%20elles%20le%20souhaitent.>

<https://www.fun-mooc.fr/fr/cours/integrite-scientifique-dans-les-metiers-de-la-recherche/>

<https://www.fun-mooc.fr/fr/cours/ethique-de-la-recherche/>

| | | | |
|-----|-----|-------------------------------------|--------------------|
| EU2 | 15h | <i>English 1 (refresher course)</i> | <i>Frank Healy</i> |
|-----|-----|-------------------------------------|--------------------|

Organisation of the training: 3h/day spread over one week

Dates: early January.

Monitoring: attendance and exit test.

Objectives:

The main objective of this course is to help students overcome their English language barriers.

Contents :

This module is designed for anyone who has difficulty with spoken and written English. We will look at the most common problems and, through listening and conversation exercises in small groups, we will try to improve the students' level and give them confidence.

For whom?

PhD year 1-3. For a doctoral student whose aim is to improve his/her level of English.

The plus of the module :

The students meet with other students of approximately the same level.

Evaluation methods :

Attendance, work and involvement of the student.

The student's writing level according to the CEFR (Common European Framework of Reference for Languages).

| | | | |
|------------|------------|---------------------------------------|--------------------|
| EU3 | 15h | English 2 (scientific writing) | Frank Healy |
|------------|------------|---------------------------------------|--------------------|

Organisation of the course: 3 hours per week.

Dates: early January.

Maximum number of participants: 20

Required work and follow-up: (Project, report, minutes, presentation) :

- Work on articles to be published, or thesis chapters in English.
- Students will be asked to write a number of abstracts, articles or other texts depending on their starting level.
- Some of the work could be done by e-mail (sending documents to the tutor, returning corrected documents).

Objectives:

- To improve the techniques of writing scientific texts (abstract, article or thesis).
- Through workshop work on their own technical writing, to consolidate and even improve the reading and writing skills already acquired.
- To make students aware of their writing problems and give them an adequate methodology.

Contents :

- The student's area of research (from English sources).
- Scientific writing techniques in English.
- Language problems specific to each.

For whom: PhD year 2/3

The advantage of this module is that the course takes the form of a workshop during which students work on their own texts.

Evaluation methods :

The student's attendance, work and involvement. Student's level of writing according to the CEFR (Common European Framework of Reference for Languages).

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| EU4 | 15h | English 3 (English conversation) | Frank Healy |
|------------|------------|---|--------------------|

Organisation of the training: 3 hours/week.

Dates: early January.

Work required and follow-up :

Preparation of English-language press reviews. Participation in debates. Participation in role plays. Oral presentations on various topics.

Objectives:

In the professional scientific environment, there is clearly a need to master the technical English of one's speciality, but it is also important to be able to communicate on more general topics: the famous "small talk", which is very important in the image one gives of oneself. The aim of this module is therefore to improve students' ability to hold a conversation in general English.

Contents :

Role plays, presentations, press reviews, audio/video/written material on general topics.

For whom?

PhD year 1-3. For a PhD student aiming to improve conversational English.

The plus of the module: learning everyday English.

Evaluation methods :

Attendance, work and involvement of the student.

The student's writing level according to the CEFR (Common European Framework of Reference for Languages).

| | | | |
|-----|-----|--|---------|
| EU5 | 15h | FLE- French as a Foreign Language (for foreign students) | IUL-FLE |
|-----|-----|--|---------|

Objectives:

The courses encourage the acquisition of linguistic knowledge, of course, but also of cultural knowledge, because to master a language and be able to exchange in it, one must also know its culture. The teaching staff and the administration are attentive to the needs of the students.

The training for foreign students aims not only to master the written and spoken French of everyday life, but also to reach the level of French necessary to undertake studies in a French university.

If you wish to obtain the DELF/DALF national certification for international students (certification valid for the whole of your life, which validates a level of A1, A2, B1, B2 or C1 in French), this training will help you to better prepare for the tests.

These diplomas are prepared by the Institut Universitaire des Langues pour le FLE (IUL-FLE), contact : iul-fle@univ-lr.fr ; bâtiment LLASH, 1 parvis Fernand Braudel, 17042 La Rochelle.

Contents :

For whom?

PhD year 1-3. For a doctoral student aiming to improve his/her French (oral and written).

The plus of the module: French language and culture

Evaluation methods :

Attendance, work and involvement of the student.

Student's level of writing and written according to the CEFR (Common European Framework of Reference for Languages). Intended level: A2, B1, B2 and C1.

| | | | |
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| EU6 | h variable | <i>Not Too Scientific Film Festival</i> | ADOCS |
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Organisation of the training: see ADOCS.

Dates: Fête de la Science week, autumn 2023.

Objectives:

The objective is for young researchers (doctoral students or young doctors) to present their work to a large audience, by means of a film of approximately 5 minutes. No writing constraints are imposed, and there is total freedom in both form and content. The only requirement is that the films be popular: they must be short, lively and entertaining.

Modalities :

The future directors will be trained in script development, directing and filming techniques during the month of May. They will shoot with actors of their choice. The equipment needed for the filming will be lent to them and help with editing will be provided by the University's @ctice unit. They will also take part in the events planned for the distribution of the films (in high schools, gala evening, science festival, etc.), usually organised during the Fête de la Science in October.

To apply, please send an email to

adocs@univ-lr.fr

indicating name, surname, field of research and title of the short film (even if provisional), before April of the current year.

To view films from previous editions:

<http://adocs.univ-lr.fr/index.php/festival/palmares>

Modalities of activity validation :

Send a request for validation to the Director of the Doctoral School indicating name, surname, title of the short film and/or editing activities and the estimated number of hours invested in the event.

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| EU7 | h variable | My Thesis in 180 seconds (MT180) | Christel LEFRANCOIS |
|-----|------------|----------------------------------|---------------------|

Organisation of the training: competition with an organization depending on the national calendar

Dates: La Rochelle final (7 of March 2023), regional final (23-24 of March), national final (June), international (September)

Objectives:

This competition allows PhD students to present their research topic in simple terms to the general public. They have 3 minutes, not a second more, to present their thesis! This is a unique opportunity for them to improve their communication skills and to disseminate their research in the public space.

The My thesis in 180 seconds competition is inspired by the *Three minute thesis* competition, first organised in 2008 by the University of Queensland, Australia. Each participant has to give a clear and understandable, yet convincing presentation of their research project to a diverse lay audience in three minutes.

Modalities :

A coach will accompany you throughout to prepare your presentation. You must present in French.

For whom?

PhD year 1-3 and doctors who defended their thesis in the academic year 2022-23.

Modalities of activity validation :

Participation in this competition is highly recommended as it allows you to put your speaking skills into practice for an uninformed audience while demonstrating your scientific qualities. Send a request for validation to the Director of the Doctoral School indicating name, first name, title of your presentation, if you were a finalist and estimated hours invested in the event.

Prizes are awarded for each final.



| | | | |
|-----|--------|---|---------------------|
| EU8 | 2 days | 2 nd year PhD students' conference | Christel LEFRANCOIS |
|-----|--------|---|---------------------|

Organisation of the training: conference (scientific paper writing, oral presentation and poster presentation).

Dates: May.

Objectives:

The main objective is to make the research carried out by doctoral students better known, both inside and outside the university. It is therefore a question of communicating about one's thesis work through :

- Writing a 2-page abstract. All abstracts will be compiled into a booklet and handed in on the day of the conference.
- The development of a poster. The posters are displayed in the hall of the university library.
- An oral presentation (5 min or MT180 format = 3 min)

Articles, posters and oral presentations are intended for ULR doctoral students and researchers in all disciplines, but also for a wider public. It is therefore an exercise in scientific popularisation.

For whom?

PhD year 2.

Modalities of activity validation :

Participation in this conference is compulsory and is part of the training. A request for validation must be sent to the Director of the Doctoral School indicating name, first name, title of the scientific work presented and the estimated number of hours invested in the event.

Prizes are awarded.

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| EU9 | 15-18 h | <i>The future of the coastline through prospective fictionalization</i> | Olivier DE VIRON, Philippe GUERRY , Solenne GROS DE BELER |
|-----|---------|---|---|

Organisation of the course: 2nd semester

Dates: to be defined

Objectives:

(1) Journée ou soirée Remue-ménage (to be placed between February and April): 6h (at least) supervised by facilitators. In interdisciplinary groups of 4 or 5 participants with researchers, PhD students, students,... the participants will be confronted with to a theme corresponding to one or several items of coastal change in the future; for example sea level rise, or concrete coastline. They will have to push the cursor to the maximum, in one in one direction or the other, in order to imagine a future that is significantly different from the current situation. In this context, they will have to find a starting point for a fictional story, centered on a person at the heart of the issues associated with their theme. The brainstorming should result in a fairly detailed pitch that will serve as the basis for the fictional story. The idea is not to describe the world, but to find a story that highlights how it works, with a character who is the illustration of it.

(2) Writing workshops (between 9 and 12 hours): supervised by a professional author, each group will have to transform its pitch into a story of about ten pages.

Modalities :

The work required is active participation in the brainstorming and writing workshops. The doctoral students will be accompanied and followed throughout the process.

Objectives:

- Thinking on the future of the coastline in an interdisciplinary manner.
- Putting into play one's disciplinary knowledge in a prospective exercise, writing and disseminating scientific culture.

Advantages of the module:

- Confronting knowledge across disciplines
- Knowledge-based creative experience

For whom:

All PhD students

Evaluation methods: Based on the story produced

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| EU10 | 15 h | <i>Innovation and Entrepreneurship Seminar: How to add value to your research</i> | <i>Campus Innov, SATT Aquitaine et BPI : Valérie SCHOEN, Gaëlle DEMELLIER, Yann Mondon, Jacques Susperregui</i> |
|-------------|-------------|--|--|

Organisation of the course:

2 continuous days on Thursday and Friday in the Campus Innov rooms of the BU.

Dates: February 23 and 24, 2023

Objectives: Become familiar with the economic valorization of research

Modalities :

We offer a two-day immersion in the world of innovation and research valorization.

How can you take a new look at your research work and envisage its valorization in the socio-economic world?

We will teach the use of several tools such as "design thinking" and Lean Canvas in order to have a different approach and meet the needs of our society of tomorrow.

We will also address several notions of innovation, entrepreneurship and intellectual property.

Several speakers, Campus Innov, SATT Aquitaine, a former doctoral student entrepreneur and the BPI will lead this seminar and explain how doctoral students can be accompanied on the path to economic development

For whom: PhD year 2 and 3

Evaluation methods: Attendance and active participation in group work; final pitch

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|------|------|-------------------------|---|
| EU11 | 18 h | HACKATHON PhD/Companies | Julien DURANCEAU, Pierre BRAUD - LA MATIÈRE, Gaëlle DEMELLIER - CAMPUSINNOV |
|------|------|-------------------------|---|

Organisation of the course:

In person in the creativity rooms of the University Library

Registration until November 15 at the following link:

<https://www.eventbrite.fr/e/inscription-hackathon-doctorants-entreprises-427033387357>

Contact : campusinnov@univ-lr.fr

Dates: November 30 to December 2, 2022

Objectives: Over 3 days, to make doctoral students from the Universities of Pau, Bordeaux, La Rochelle work in multidisciplinary teams (doctoral students, SATT referents, company representatives), either on innovative projects proposed by companies in the Aquitaine region, or on research subjects for which a potential for innovation has been detected. The aim of this action is to increase awareness of the skills of doctoral students in companies by showing their ability to produce innovative proposals, to allow doctoral students to open up to the business world, and to raise awareness among doctoral students of entrepreneurship and innovation.

Modalities :

Based on a concrete problem posed by a company, participants must come up with innovative solutions that they will explore during 3 days with group work (accompanied by coaches) and workshops. In particular, they will address :

- Group work through creativity techniques
 - Themes in RSE (Responsabilité Sociétale des Entreprises), prototyping, pitching through workshops
- Each team will have the opportunity to defend its solution in front of a jury of experts

Advantages of the module:

Develop your skills by confronting a concrete problem brought by a company

Work in groups with PhD students from different fields

Discover new working methods based on creativity

Confront yourself with the business world

Have a convivial moment!

For whom: PhD year 1-3

Evaluation methods: Participation (attendance, work, involvement)

| | | | |
|------|-----|--------------------------|---------------------|
| EU12 | 15h | LaTeX scientific writing | Benoit Simon-Bouhet |
|------|-----|--------------------------|---------------------|

Organisation of the course: 2nd semester

Dates: Over two days 4 and 5 January 2023; (8.30am-12.30pm and 1.45-5.45pm)

Objectives:

To provide participants with the necessary skills to produce scientific documents of excellent typographical quality that meet academic standards for writing theses, scientific articles, reports and dissertations.

For whom: all PhD students

Contents :

The contents are adapted to ensure the writing of scientific texts and dynamic reports.

Evaluation methods: Attendance

| | | | |
|------|-------------|--|-------------------------|
| EU13 | 6 to 8 days | New Thesis Chapter (skills assessment) | Frédérique Deloffre-Vye |
|------|-------------|--|-------------------------|

Organisation of the course: 2nd semester

Dates: to be defined

Objectives:

The programme "Valorisation of competences - a new chapter of the thesis" helps doctoral students at the end of their thesis to take stock of their competences and to valorise them.

For whom: exclusively 3rd year PhD students

Contents :

It is a real inventory and a highlighting of the skills that were necessary for the successful completion of the thesis. It has no academic character and does not enter into the evaluation of the thesis, nor into the obtaining of the diploma.

This work includes a critical analysis of the progress of the thesis from a project point of view, an identification and enhancement of the professional skills and competences developed during the thesis, illustrated by examples drawn from its preparation (see in annex: "recommendations for analysis and writing").

The exercise proposed to the doctoral student is carried out with the support of his/her host team and his/her thesis director and with the accompaniment of a mentor generally proposed by the doctoral school. The GBS can, if necessary, help the doctoral school to identify a mentor. The mentor will generally be a human resources consultant. He/she must be external to the research system and have a good knowledge of recruitment practices in companies and the context of professional integration of PhDs. He/she will help the PhD student to identify and valorise the achievements of his/her thesis and to elaborate the new chapter of the thesis. All mentors are trained by the ABG. This analysis leads to a synthesis that can be easily understood by non-specialists in the doctoral student's field of research and exploited by the young doctor to enhance his or her value during a job search. This work mobilises the doctoral student the equivalent of about 6 to 8 days of essentially personal work.

Assessment methods: Attendance and quality of the report

| | | | |
|------|------|---|------------------------------------|
| EU14 | 15 h | <i>Build your research method and manage your PhD</i> | Nadine Mandran / Mathieu Vermeulen |
|------|------|---|------------------------------------|

Organisation of the course:

The training alternates between presentation sessions and practical work. At the end of each practical session, a debriefing is organized to discuss

Day 1 morning: Introduction. Epistemological posture and validity criteria of a research

Day 1 afternoon: Designing a method for conducting your research. Organize and plan the PhD project in sub-processes.

Day 2 morning: Construct a problematic and research questions. Build a state of the art.

Day 2 afternoon: Repeatability, reproducibility, traceability. Production of qualitative and quantitative data.

Writing an experimental protocol.

Day 3 morning: Data management plan and data quality. Good practices for data analysis. Writing the conclusion of a research project

Dates : 3 consecutive days 2nd semester

Objectives :

- Learn to organize your thesis as a three-year project
- Identify the actions to implement to achieve it
- Have keys and guides to carry out the main actions of the thesis
- Become autonomous in your research work

For whom: PhD 1-3; supervisors can attend this collaborative training

Contents : The course is based on the THEDRE method described here: thedre.imag.fr

Advantages of the module: To provide guides and tools for the conduct of the thesis project. To learn the profession of researcher.

Modalités d'évaluation : Attendance

| | | | |
|-------------|-------------|--|-----------------------|
| EU15 | 16 h | RESCUE (Climate change resilience and the European Union) | Agnès MICHELOT |
|-------------|-------------|--|-----------------------|

Organisation of the course:

2nd semester; 40h spread over 8 weeks

Dates : January to March

Objectives :

A multidisciplinary training course that presents in a concrete way the European Union's action in terms of resilience in a context of climate change:

- to better understand the risks linked to climate disruption.
- to know and critically analyze the numerous concrete initiatives developed by the European Union in the framework of its climate, environmental, energy, maritime and social policies, etc.
- Understand the importance of European cooperation and external partnerships to achieve the global objective of resilience to climate change
- to master the essential tools to contribute concretely to the necessary transformation of society
- to offer an innovative training that is increasingly sought after by public and private recruiters at the local, national and European levels.

For whom: PhD 1-3; all disciplines

Contents : The Transversal Teaching Module "European Union, Climate Change and Resilience" is the first European teaching module, funded by the European Union within the framework of the Jean Monnet Action (Erasmus + Program) at La Rochelle University.

The teaching proposed in this module on resilience will focus on the political context and practical actions undertaken by the European Union in the face of climate change, a topical subject that lies at the heart of European policies supporting the transition of the European continent towards an environmentally friendly economy capable of facing future climate challenges. This module also responds to the need to develop new skills required by the many economic and social actors of the ecological transition.

For details of the teaching program: see the RESCUE website

Advantages of the module:

This module is accredited by the European Union, and represents a supplement to the diploma that can be valued internationally and that counts in the career of a young researcher. It is the first Jean Monnet module obtained by La Rochelle University and is only open for 3 years. The module is taught by a multidisciplinary team (law, political science, economics, biology, anthropology) with part of the teaching in English given by foreign professors.

The module provides an opening onto European studies which completes the doctoral student's disciplinary training. Moreover, the evaluation of the module is based on a practical case that can be treated by a group of students from several disciplines. Doctoral students will have the opportunity to support the supervision of students (undergraduate and graduate) from several disciplines

Modalités d'évaluation : Attendance and multidisciplinary case study

| | | | |
|------|------|---|----------------------|
| EU16 | 18 h | Responsible Conduct of research (RCR) – ethics and politics of research in contemporary society | Guillaume DELALLIEUX |
|------|------|---|----------------------|

Organisation of the course: 3 hours per week

Dates : Starting in January 2023

Objectives :

This seminar aims to provide students from different fields (biology, engineering, health, technology, SHS,...): theoretical perspectives about science from an ethical, political and philosophical perspective.

- examples through case studies
- references and perspectives for their PhD
- the relationship between SHS and exact sciences in order to enrich their doctoral work

For whom: PhD 1-3

Contents :

Contemporary debates on the efficient use of energy or natural resources, adaptation to climate change or its mitigation, the place and role of NICTs in society, one health, advances in genetics, confront scientific results with various interests (economic, political). In a world where the boundaries between science, politics, and beliefs are blurring and being questioned, it is important to provide future scientists with tools for reflection to give them the ability to draw a clear line, to engage in society (denunciation, popularization of scientific results). How is it possible to remain independent in a world where internal pressures (to publish, to obtain grants) as well as external pressures (impact on society, political attacks on science, lobbying...) are increasingly strong?

Students will be offered readings on different topics. Each course will alternate theoretical lectures with group thinking (type brainstorming) about an issue or a question; reading groups with restitutions of the key points of each text for the other group that did not have that text and situational scenarios.

Advantages of the module: Language (English) - Contemporary issues Science & Society - General knowledge

Modalités d'évaluation : Attendance, work and involvement of the student. Research paper on a subject of the student's choice related to the course validated by the teacher.

| | | | |
|------|------|-------------------------------|---|
| EU17 | 15 h | Specialised literature search | University Library- Salle verte Carine LAVIGNE |
|------|------|-------------------------------|---|

Organisation of the course: Module composed of 1h30 sessions offered in the 1st and 2nd semester (2 sessions)

Dates: Session 1 : end of January
Session 2: March/April

Objectives:

Enable PhD students to :

- Know how to conduct a search for scientific information.
- To appropriate the methodology and tools of documentary research.
- Optimise document management (monitoring, bibliographic management).
- Know the open access publishing environment.

For whom: 1st year PhD students. 14 people maximum.

Contents :

- Methodology of documentary research: your choice.
- Module SHS / Law-Management or Module STM
- Optimize your documentary research: manage your bibliographic references (Zotero): 2 modules: Beginner and Advanced
- Copyright and plagiarism / Documentary watch / Mind-mapping / Presentation of a Datavisualisation tool
- Using the SCOPUS database
- Reading and Publishing in Open Access / Managing your digital identity as a young researcher / Liberate Science!: serious game
- Collaborate to Wikipedia

Evaluation methods: Attendance

| | | | |
|-------|------|---------------------------------|-----------------|
| EU 18 | 15 h | Training in university pedagogy | Violaine CHARIL |
|-------|------|---------------------------------|-----------------|

Organisation of the training: module composed of five 3-hour workshops:

Dates: Semester 2 (period to be positioned between January and May), approximately every 15 days

Objectives:

To support the University's doctoral students in their professional development in matters relating to teaching and learning. Based on a three-level developmental training, the "University Pedagogy" module is part of a first-level course corresponding to the development of: basic general and factual knowledge and skills for designing and leading courses, using simple tools provided.

For whom: doctoral students teaching the at university ; doctoral students who have a professional teaching project (teacher-researcher, etc.)

Contents :

These workshops are interdependent: each one provides prerequisites for the following workshop. They are organized around theoretical contributions, articulated to practical activities, collaboration and exchanges between participants.

Targeted skills:

Plan a university course

- based on theories of learning and university pedagogy
- by integrating the course into a whole (training program)
- by taking into account the context and the student population

Build an evaluation system adapted to the educational objectives

- by taking into account the stages of the evaluation process
- using objective interpretation tools (criterion-based grid)

Communicate effectively to a student audience

- by taking into account the modality of the course (CM, TD)
- by being aware of one's body language
- by using techniques to optimize motivation, comprehension and memorization of content

Implement teaching methods and activities adapted to the objectives

- by systematically questioning one's teaching posture
- by taking into account the criteria of relevance and effectiveness of the methods according to the objectives
- by using active and interactive teaching methods

Evaluation methods: Attendance, work and involvement in the proposed activities

Thesis defense

The president of the university authorises the defence of the thesis **after receiving the opinion of** the director of the Doctoral School on the proposal of the thesis director.

Procedure and timetable: A methodological sheet will be given to you when you register for the final year of your thesis.

Doctoral students' events

Doctoral students' first meeting of the year

Organised at the beginning of the academic year, this meeting is a moment of conviviality and integration for new doctoral students. It aims to provide general information on the doctoral school and the organisation of doctoral training. The different services that La Rochelle Université offers to its doctoral students are also presented.

My thesis in 180 seconds" competition

This competition allows PhD students to present their research topic in simple terms to the general public. They have 180 seconds, not one more, to present their thesis topic! This is a unique opportunity to improve their communication skills and to present their research to an audience. The winners participate in a regional, then national and finally international (in French) final. Prior to the presentation, individual training by a professional actor is offered to the candidates. The presentation takes place in March-April depending on the national calendar.

Prizes are awarded to the best presentations.

2nd year PhD students' conference.

Participation in this conference is **compulsory** and is part of the training. It takes place in May/June. The main objective is to make the research carried out by doctoral students better known, both inside and outside the university. It is therefore a question of communicating about one's thesis work (popularisation of science) through:

- writing a 2-page summary (all summaries are collected in a booklet)
- the creation of a poster (posters are displayed in the hall of the university library)
- an oral presentation (short, 5 minutes or "My thesis in 180 seconds" mode, 3 minutes)

Prizes are awarded: the prize for the best oral presentation, the prize for the best poster presentation and the doctoral student prize

Doctoral graduation ceremony.

Through this event, La Rochelle Université aims on the one hand to honour its new PhDs and, on the other hand, to raise awareness and promote training through and for research. This ceremony takes place under the aegis of a sponsor, in the presence of representatives of the university's management, the directors and deputy directors of the doctoral school, the thesis directors, external personalities and members of the graduates' families and friends.



Practical information

Euclid Doctoral School

La Rochelle Université
Orbigny Building - (2nd floor)
Avenue Michel Crépeau 17042 La Rochelle cedex
Doctoral School website: www.univ-larochelle.fr/-Etudes-doctorales
Contact: ecole-doctorale@univ-lr.fr

Secretariat

Jennifer DE LA CORTE GOMEZ, 05 46 45 83 41

ecole-doctorale@univ-lr.fr

Isabelle HIRSCH, 05 46 45 87 12

ecole-doctorale@univ-lr.fr

Associations of interest to doctoral student

ADOCs (Association of PhD students and young doctors of La Rochelle Université)

Contact <https://adocs.univ-lr.fr/> and adocs@univ-lr.fr



The association encourages meetings and exchanges between doctoral students from different disciplines around cultural projects and events. Numerous evenings and cultural or sporting outings are organised throughout the year.

Several scientific culture projects have been or are still being carried out by ADOcs, aimed at the general public and schools. Among these, the [not too] scientific film festival, a first in France at the time of its creation by ADOcs in 1999!

Finally, ADOcs is also a network of former PhDs from La Rochelle Université and a desire to create a strong link with the socio-economic world: innovation, project management, rigour and management of deadlines are keywords shared by companies and PhDs!

Membership of the ADOcs is possible for any doctoral student or doctor on a fixed-term contract at La Rochelle Université. It is done by paying an annual fee, the amount of which is set by the Board. The membership fee is 5 euros in 2020. To become a member, simply pay this amount to a member of the Bureau. It is always possible to join directly at an event.

Association de la Fondation Etudiante pour la Ville (AFEV)

Contact www.afev.org



AFEV is an association whose creation stems from the desire to fight against inequalities and relegation in working-class neighbourhoods in France, by creating, alongside public policies, spaces for civic engagement for young people in general and students in particular. AFEV is the first network of student intervention in working-class neighbourhoods. It carries out awareness-raising campaigns for the general public: the Day for the Refusal of School Failure, the Observatory of Solidarity Youth, the Observatory of the Social Responsibility of Universities, the European Forum of Committed Youth, Lab'Afev, the ZEP Blog...

Services around the doctoral student

The 'BU' (University Library)

Contact : 1 parvis Fernand Braudel 17000 La Rochelle
05-46-45-39-69

bu_peg@univ-lr.fr

Vous trouverez toutes les informations sur le site :
<https://bu.univ-larochelle.fr/> L'emprunt de documents nécessite l'inscription à la bibliothèque, sur présentation de la carte d'étudiant.



Inter-library loan (ILL): A paying service, which allows you to borrow documents that are not in the La Rochelle library. The costs are covered by the laboratory, with its agreement.

Electronic documentation: includes all documents that can be consulted online (journals, books, encyclopaedias, etc.) and bibliographic databases.

Remote access: from ENT, heading [Documentation] > Doc. Electronic.

Culture

Contact : Espace Culture Maison de l'étudiant, 3, passage Jacqueline de Romilly 17000 La Rochelle, 05-16-49 -67-76
culture@univ-lr.fr

The *Espace Culture-Maison de l'étudiant* offers artistic and cultural workshops, theatre, stage writing, photography, astronomy, electropop choir... 12 weekly workshops, on weekends or every two weeks, led by professional speakers

and artists, which result in public productions, notably during the annual spring festival "Les étudiants à l'affiche".

Free registration at the Maison de l'Etudiant or at the beginning of the cultural and associative year.



- Super Pass' Étudiant : FREE (it can be picked up at the Maison de l'étudiant) it allows you to discover more than 300 shows, exhibitions, concerts and films in all the partner cultural venues, at very special rates. Science and culture: La Rochelle Université proposes actions for the dissemination and promotion of scientific culture, the aim of which is to build bridges between science and the general public, and to promote the scientific disciplines. La Rochelle Université coordinates the annual Fête de la Science in October.
- Student involvement, community life and project support: The Maison de l'Étudiant provides information on cultural events in the city and at the university, as well as on student and community life.
- Cultural agenda: Throughout the year, the University's cultural agenda gives pride of place to artistic, cultural and scientific events (screenings, meetings, shows). These events are organised in conjunction with the cultural players in the region (structures, local and regional festivals, etc.) in line with university training and research. Free admission.

Direction orientation insertion

Contact : 2, passage Jacqueline de Romilly,
17000 La Rochelle 05-46-45-26-77
orientation@univ-lr.fr

MRIP provides daily support on various issues relating to professional integration and entrepreneurship. Guidance, integration and continuing education advisors are available every day to meet you, inform you and help you with :



- the different training paths in France, Europe and internationally and the possible bridges between diplomas and higher education institutions,
- the methods (interventions, workshops, teaching) put in place to facilitate your entry into professional life...
- the creation of activity,
- mechanisms for the validation of experience and lifelong learning.

The Direction des Relations Internationales Europe et Francophonie (DRIEF)

Contact : 1 parvis Fernand Braudel (bât. LLASH) –
17000 La Rochelle 05-46-45-91-14
drief@univ-lr.fr



- La Rochelle University encourages student mobility, cooperation agreements and collaboration between research laboratories. The International Relations Department implements the institution's policy on international relations: it provides support to all those, students and teachers, who work to promote the international dynamism of La Rochelle Université.
- This support can take several forms: administrative support, financial aid for mobility, language preparation.
- The ERASMUS+ programme promotes exchanges in Europe, and includes study visits and work placements;
- La Rochelle Université has privileged partnership areas: The Asia-Pacific zone, a specificity and wealth of La Rochelle Université, Europe (European Education and Training Area) The American continent (North, South and Central America) and especially Brazil.
- Only mobility projects that fall within the framework of an agreement between La Rochelle Université and the partner university are eligible for financial aid. The agreements mention the flows according to the level of study, and include the PhD level.

The Health and Safety Department

Contact

Technoforum, 05 46 45 72 12
hygiene-securite@univ-lr.fr

Everyone's safety is everyone's business. When you arrive at the university, the prevention of occupational risks must be an integrated concern in all your activities. Various structures dedicated to prevention exist to help you in this collective process.



All doctoral students must ask their department head and/or direct supervisor about good working practices, safety rules and what to do in the event of an accident or disaster. You can contact the prevention assistant of your research unit at any time.

In particular, be aware of the general medical emergency instructions, the general and specific instructions in case of fire, and identify in advance the evacuation routes and the location of the emergency exits.

General safety training (fire extinguisher handling, gestures and postures, screen work, etc.) is organised by the HSE department during the year. You are invited to participate.

In addition, depending on your activities, you may be required to take specific and compulsory safety training courses (chemical risks, biological risks, electrical authorisation, etc.). Contact your department's prevention assistant or the HSE department to find out what your obligations are in this area.

The University Health Service (SDSU)

Contact : 44, avenue Albert Einstein – 17000 La Rochelle
05-46-45-84-46
secretariat-sdsu@univ-lr.fr

A team at the service of doctoral students composed of: two doctors, two nurses, two clinical psychologists, two social workers and a secretary.



- Health service: preventive nursing check-ups, care, vaccinations, reception for medical appointments, advice,
- General medical consultations: care, listening sessions, nutrition, certificates, medical support for departures abroad (advice, prescriptions, vaccinations)...
- Planning consultations (gynaecology, contraception).
- Accommodation of students with disabilities (study and examination facilities, etc.)
- Individual psychological support and follow-up.
- Student Social Services :

Information on students' rights, funding, listening, help and advice, referral to appropriate structures (CAF, CROUS, etc.).

SUAPSE" (University Service for Physical, Sports and Expressive Activities)

Contact :

Gymnase Bongraine, Boulevard de la République, 17440 AYTRE,
tel : 05 46 45 18
www.suapse.univ-lr.fr



The University Service for Physical, Sports and Expressive Activities is a joint service of the university. It organises and manages a wide range of physical, sporting and expressive activities. For leisure, competition or evaluated practice, you will find, we hope, something to complete and fill your life as a student...



**D'ici
on voit
+ loin !**

La Rochelle Université



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