

Internal Regulations of the VÉGÉTAL, ANIMAL, FOOD, SEA, ENVIRONMENT Doctoral School

ED 642 VAAME

adopted by the VAAME Doctoral School Council on 5 December 2025

Reference texts

1. The Pays de la Loire Doctoral Charter and the training agreement signed by the doctoral candidate and the thesis supervision team
2. Order of 25 May 2016¹ establishing the national framework for doctoral training and the procedures leading to the award of the national doctoral degree
3. Decree No. 2016-1173 of 29 August 2016² amending Decree No. 2009-464 of 23 April 2009 on doctoral candidates employed under contracts by public higher education or research institutions
4. Order of 26 August 2022³ amending the Order of 25 May 2016 establishing the national framework for doctoral training and the procedures leading to the award of the national doctoral degree
5. Order of 26 December 2022⁴ amending the Order of 29 August 2016 establishing the amount of remuneration for doctoral candidates employed under contract
6. The coordination agreement for doctoral training in the Pays de la Loire region
7. The current accreditation agreements for doctoral schools and institutions

1. Governance of the Doctoral School

In accordance with national regulations, the VAAME Doctoral School (VÉGÉTAL, ANIMAL, FOOD, SEA, ENVIRONMENT) is headed by a Director, assisted by three Deputy Site Directors, each representing one of the Doctoral School's three sites: Angers, Le Mans and Nantes. The Doctoral School has a Council and an Executive Committee (Bureau). The activities of the VAAME Doctoral School are organised through three specialised committees: 1) Thesis; 2) Training; 3) Professional Development and International Relations.

¹ <https://www.legifrance.gouv.fr/loda/id/JORFTEXT000032587086/>

² <https://www.legifrance.gouv.fr/orf/id/JORFTEXT000033076338>

³ <https://www.legifrance.gouv.fr/orf/id/JORFTEXT000046228965>

⁴ <https://www.legifrance.gouv.fr/orf/id/JORFTEXT000046820745>

1.1. Role of the Director of the VAAME Doctoral School

The Director of the Doctoral School coordinates the implementation of the School's action programme and presents an annual activity report to the Research Committee of the Academic Council, or the body acting in its place, of the accredited and associated institutions. This activity report is also presented to the Council of the Pays de la Loire Doctoral College. In particular, the Director of the Doctoral School provides an assessment of the School in terms of descriptive statistics on its operation and development.

The Director of the Doctoral School ensures:

- the implementation of an admissions policy for doctoral candidates within the Doctoral School, based on explicit and public criteria
- the dissemination of information to students about the operation of doctoral studies, the School and its sites
- the quality of recruitment and defended theses

Each year, the management informs the Doctoral School Council of the list of doctoral candidates, specifying for each candidate the funding they receive. This list is sent to the management of the Doctoral College, which in turn forwards it, for information, to the research directorates (or equivalent bodies) of the accredited and associated institutions. At the beginning of each calendar year, the management updates the list of research units affiliated with the School and the list of supervisors (name, position, HDR or not, number and supervision rate for doctoral candidates).

The Director of the Doctoral School represents the School on the Council of the Pays de la Loire Doctoral College.

The Director of the Doctoral School is appointed by the Head of the institution hosting the Doctoral School, following joint designation by the heads of the accredited institutions meeting within the Doctoral Committee⁵, and after consultation with the Doctoral School Council and the Research Committees of the accredited institutions or the bodies acting in their place.

The Director of the Doctoral School is appointed for the duration of the Doctoral School's accreditation. Their term of office may be renewed no more than once.

If the directorship becomes vacant during the accreditation period, a new Doctoral School Director is appointed following the same appointment process. The appointment shall be made as soon as possible, within the year following the vacancy. To ensure interim management, a Director is appointed by the institution hosting the Doctoral School, on the proposal of the Doctoral School Council, as provisional Director.

⁵ The Doctoral Committee is the decision-making body of the Pays de la Loire Doctoral College. It includes the heads of institutions awarding the degree, while the management of the Doctoral College has an advisory vote.

1.2. Role of the Deputy Directors of the VAAME Doctoral School

The Deputy Directors assist the School Director at each of the three VAAME Doctoral School sites: Angers, Le Mans and Nantes. The Deputy Directors ensure that the Doctoral School's policies are implemented in all institutions located on their respective site.

To remain as close as possible to doctoral candidates, the Director of the Doctoral School may, in compliance with national regulations and subject to the agreement of the heads of the accredited institutions, delegate all or part of the powers associated with the directorship to the Deputy Site Directors.

The Deputy Directors shall ensure that the scientific, material and financial conditions are in place to guarantee the proper conduct of the research work of doctoral candidates enrolled in the VAAME Doctoral School at their respective site. Their role is to:

- give an opinion to the heads of institutions on their site regarding authorisations for:
 - enrolment in the first year of doctoral studies (compliance with funding and supervision conditions; training agreement), with validation of the composition of the Individual Monitoring Committee (CSI) no later than four months after the start of the thesis
 - specific enrolment as a jointly supervised thesis, part-time thesis or VAE (Validation of Prior Learning/Acquired Experience)
 - re-enrolment following analysis of the reports of the Individual Monitoring Committee
 - thesis defense applications (compliance of the record of scientific achievements, list of training activities, and selection of reviewers and composition of the defense committee)
- ensure compliance with the duration of the thesis (3 years for full-time doctoral studies and 6 years for part-time doctoral studies)
- ensure that students on their site are informed about access conditions, required skills, potential funding opportunities, and the nature, quality and rates of employment after obtaining the doctorate
- ensure that thesis supervisors inform candidates, before enrolment, of the resources allocated by the host research unit to ensure the quality of the research environment and of opportunities for additional funding through calls for projects issued by the Doctoral School and/or the enrolling institution
- participate in any mediation procedures requested by doctoral candidates or supervisors
- approve any requests for a non-divisible study break of a maximum duration of one year

The Deputy Director represents the Doctoral School on the site council of the Doctoral College.

The Deputy Director of the Doctoral School is appointed by the head of the accredited institution whom they represent within the Doctoral School. The head of the institution shall seek the opinion of the Doctoral School Council, the heads of the other

accredited institutions on the site concerned, and its Research Committee (or equivalent body), and shall then inform the management of the Doctoral College for transmission to the Doctoral Committee.

The Deputy Directors are appointed for the duration of the Doctoral School's accreditation. Their terms may be renewed no more than once. If a deputy directorship becomes vacant during the accreditation period, a new Deputy Site Director is appointed following the same appointment process.

1.3. Doctoral School Council

Within the framework of the scientific policies of the accredited institutions, the Doctoral School Council defines the Doctoral School's doctoral training policy. While the Council's opinion may be sought on any important issue relating to doctoral training, its main responsibilities are as follows:

- approval of the Doctoral School's Internal Regulations and proposal of any changes
- proposal to the College's Doctoral Committee for the appointment of five external members of the Doctoral School Council
- approval of the chairs and composition of the three specialised committees (Thesis, Training, Professional Development/International Relations) and validation of their work concerning:
 - recruitment of doctoral candidates and allocation of doctoral contracts funded by institutions
 - the catalogue of disciplinary training courses offered to doctoral candidates
 - the Doctoral School's internationalisation strategy, to promote international activities (joint supervision, mobility, conferences, etc.)
- monitoring the quality of doctoral training assessed through surveys of doctoral candidates organised by the Pays de la Loire Doctoral College
- monitoring the professional integration of doctoral graduates, organised by the Doctoral College
- allocation of the Doctoral School budget
- approval of the Doctoral School's annual report

At the invitation of the School management, which sets the agendas of meetings in consultation with the Deputy Directors and members of the Executive Committee, the Doctoral School Council meets at least three⁶ times a year. These meetings may be held by videoconference in order to limit the carbon footprint, travel costs and travel time. In order to

⁶ Typical agenda of Doctoral School Council meetings during a standard year:

- At the beginning of the calendar year: review of new thesis enrolments and the schedule of defenses; calls for regional, national and international doctoral funding; preparation of the doctoral contract campaign
- In July: validation of the doctoral contract allocation campaign; preparation for the start of the academic year

- At the beginning of the academic year: review of the Doctoral School's activities and budget; exemption from enrolment in the fourth year.

deal with specific matters, the Doctoral School Council may be convened by the School management for an extraordinary meeting.

Each meeting is the subject of minutes approved by all those present and distributed to all members of the Doctoral School Council, the management of the Doctoral College, the heads or representatives (research directorates or equivalent) of the accredited and associated institutions, the management of research units affiliated with the School, and published on the School's website (<https://ed-vaame.doctorat-paysdelaloire.fr/>).

The Doctoral School Council comprises 26 members. It is chaired by the Director of the Doctoral School, who is an active member.

The members are distributed as follows:

- ✓ 60% of its members (16 members) are representatives of partner institutions and research units or teams affiliated with the Doctoral School, including at least two representatives of engineering, administrative or technical staff. The distribution among institutions takes into account the proportion of HDR holders registered in each partner institution;
- ✓ 20% of the total membership, rounded down to the nearest whole number (5 members), are elected representatives of doctoral candidates (with alternates), elected by and from among doctoral candidates enrolled in the Doctoral School;
- ✓ For the remaining 20%, rounded down to the nearest whole number (5 members), the Council is completed by external persons to the Doctoral School selected for their qualifications in scientific fields and/or in social and economic sectors of interest to the School.

The composition of the Council must ensure balanced representation of women and men.

The Pays de la Loire Doctoral College will be represented on the School Council by the Director of the Angers site (host institution of the VAAME Doctoral School), or the site's administrative manager, who is a permanent guest of the Council, to assist in decision-making in compliance with regulations and institutional procedures, without voting rights if they are not a Council member.

Subject to the approval of the governing boards of the accredited institutions, the appointment of Council members follows these principles: the appointment of members representing institutions/units shall be approved by the College's Doctoral Committee, on the proposal of the Doctoral School management; the appointment of external persons shall be approved by the College's Doctoral Committee on the proposal of members of the Doctoral School Council (representatives of institutions/units and doctoral candidates).

Each member of the Doctoral School Council is appointed/elected for the duration of the accreditation. Their term may be renewed once. They leave the Council when they no longer hold the

status on the basis of which they sit on the Council. The designation or election rules above apply to fill seats that become vacant during the accreditation period.

The Doctoral School Council meets and may validly deliberate if more than half of its members are present or represented at the opening of the meeting. If this number is not reached, the Council is reconvened without the need to meet the quorum required for the first meeting. An absent member may give a proxy to any other Council member to vote during a deliberation. A Council member may hold no more than one proxy. In a vote, decisions of the Doctoral School Council are taken by an absolute majority of members present and represented by proxy. In the event of a tie, the vote of the Director of the Doctoral School counts twice, thus avoiding any deadlock.

1.4. Executive Committee of the Doctoral School

The Executive Committee of the Doctoral School comprises the School Director, the three Deputy Site Directors, as well as representatives of each accredited institution not represented by a Deputy Director and representatives of the three associated institutions. The chairs of the three specialised committees may be invited to Executive Committee meetings, depending on the agenda.

ED Management	University of Angers	Host institution
Deputy Management	Le Mans University	Jointly accredited institutions
	The Institut Agro Rennes-Angers	
	ONIRIS Nantes (Ecole Nat. Vétérinaire, Agroalimentaire et de l'Alimentation)	
School representatives	Nantes University	Affiliated institutions
	University of Angers	
	INRAE (French National Research Institute for Agriculture, Food and Environment)	
	IFREMER (French Research Institute for the Exploitation of the Sea)	
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	ESA (Higher School of Agriculture)	

Composition of the VAAME Doctoral School Executive Committee

The Executive Committee prepares the Doctoral School's action programme, particularly regarding the policy for seeking thesis funding, in consultation with the research directorates (or equivalent bodies) of the partner institutions.

The Executive Committee prepares the meetings of the Doctoral School Council and organises the implementation of its decisions. Its main responsibilities are as follows:

- analysis of the work and proposals of the three specialised committees (Thesis, Training, Professional Development/International Relations)
- validation of the composition of recruitment competition panels (CDE) and rankings following the interviews
- budget proposal (operating costs, Scientific Days, mobility grants)
- preparation of the annual activity report
- proposal of any amendment to the Internal Regulations, particularly regarding supervision standards, (re-)enrolment and thesis defense standards

At the request of the Doctoral School management or Deputy Directors, in the event of a dispute, the Executive Committee must be able to meet quickly to give an additional opinion on requests for exemptions for authorisation of (re-)enrolment, such as:

- re-enrolment beyond the third year
- exceeding the doctoral supervision threshold (rate or number of supervisors)
- full-time thesis funded from personal resources
- VAE or part-time thesis
- defense not meeting the required conditions
- participation in supervision, CSI or thesis defense committee by scientists from abroad, where the HDR qualification does not exist

The Executive Committee must also be able to deal urgently with problematic situations by implementing mediation procedures in consultation with the Doctoral College.

Members of the Doctoral School Executive Committee are members of the Doctoral School Council.

1.5. Specialised committees

To assist the management in running the Doctoral School, facilitate the flow of information and involve scientists and doctoral candidates in the life of the School, three specialised committees are established: Thesis Committee, Training Committee, Professional Development and International Relations Committee. The proposals of these committees are submitted to the School Executive Committee for assessment and implementation and, where appropriate, presented to the School Council for approval.

The composition of these committees is based on a call for volunteers. Each committee has a chair, held by a member of the Doctoral School, and a vice-chair held by a member of the Executive Committee. Ideally, each committee should include at least one member from each of the Doctoral School's partner institutions. The final composition of each committee is approved by the Doctoral School Council. These committees are free to organise their work as they see fit, under the responsibility of their chairs, appointed by the Doctoral School Council on the proposal of the Executive Committee.

Thesis Committee

Composed of permanent members affiliated with the VAAME Doctoral School, this committee is responsible for dealing with administrative issues relating to the conduct of theses:

- organisation of recruitment by competition or interview (composition of panels, scheduling of admission interviews, participation in panels)
- analysis of all types of exemption requests for submission to the Executive Committee
- analysis of applications for theses under VAE⁷ and private-law doctoral studies
- proposal of possible changes to the composition requirements for application files for recruitment by competition (institutional doctoral contract) or interview (other funding), supervision standards, and (re-)enrolment and defense criteria

Training Committee

This committee is composed of members from different fields (Directors and thesis supervisors, doctoral candidates of the Doctoral School; site or regional training managers within the Doctoral College). Its responsibilities are:

- development of the VAAME Doctoral School's disciplinary training offer
- coordination with site or regional training courses offered by the Doctoral College
- establishment of the validation scale for training courses inside and outside the catalogue
- validation of previous experience of a doctoral candidate in terms of training hours, or training exemptions (see §4)
- analysis of evaluations of the training offer by doctoral candidates
- organisation of the Doctoral School's Scientific Days

Professional Development and International Relations Committee

This committee is composed of members from different fields (Director and thesis supervisors; doctoral candidates of the Doctoral School; heads of research units; training managers; heads of institutional career/integration services; International Relations managers; private- or public-sector professionals, etc.). In liaison with the Pays de la Loire Doctoral College, its responsibilities are as follows:

- development and promotion of careers linked to research-based training, by strengthening links with former doctoral candidates, associations and companies
- promotion of the School and its doctoral graduates internationally and towards the economic sector

7 Validation of Prior Learning/Acquired Experience

- proposal of new cross-disciplinary training courses promoting the employability of VAAME doctoral candidates

This committee is also responsible for awarding the “international mobility” grants offered through the VAAME Doctoral School's internal call for applications.

1.6. Site committees

The VAAME Doctoral School implements the three specialised committees described above to manage its operation at School-wide level, rather than establishing site committees, in order to pursue a single policy.

2. Affiliation of research units and HDR holders with the VAAME Doctoral School

A research unit is affiliated with only one Doctoral School. The affiliation of teams from the same research unit with several doctoral schools remains possible, subject to the agreement of the management of the affiliated research unit and the directors of the doctoral schools concerned.

During the first quarter of each calendar year, each director of a research unit affiliated with the Doctoral School shall provide the Deputy Site Director, for transmission to the School management, with an exhaustive list of its teacher-researchers and researchers, specifying for each of them: surname, first name, position⁸, whether or not they hold an HDR, number of doctoral candidates supervised and supervision rate.

A teacher-researcher or researcher, whether or not they hold an HDR, may be affiliated with only one doctoral school, namely that of their employing unit or, where applicable, their employing research team. Any request for an exemption from this rule must be justified and examined by the Pays de la Loire Doctoral College.

The list of teacher-researchers and researchers affiliated with the VAAME Doctoral School is publicly available on the School's website.

3. Doctoral recruitment and reception policy

3.1. Determination of the enrolling institution of a doctoral candidate

The institution in which a doctoral candidate is enrolled and which awards the doctorate is determined by the source of funding in the case of an institutional doctoral contract (CDE), or by the location of the host unit (or team) to which the thesis supervisor is affiliated.

8 Depending on the employer and grade: MC (Lecturer); PR (Professor); CR (Research Officer); DR (Research Director); C (Research Executive C1, C2a/C2b, C3); IR (Research Engineer)

3.2. Financial resources for doctoral candidates

Before enrolment, the thesis supervision team and the management of the host research unit (or team) must inform the candidate of the resources allocated by the research unit to ensure the quality of the research environment and of opportunities for additional funding through calls for projects issued by the Doctoral School and/or the institution (mobility calls, etc.).

The thesis supervision team must ensure that the doctoral candidate has sufficient financial resources to carry out their research under appropriate conditions.

For a full-time thesis, the minimum monthly remuneration of doctoral candidates employed under contract (Institutional Doctoral Contract – CDE; §3.3.1), entering from 1 January 2023, is set by the Order of 26 December 2022 amending the Order of 29 August 2016. For other types of funding, a minimum level of resources greater than or equal to 100% of the net monthly SMIC is required. Priority should be given to funding in the form of an employment contract lasting at least three years from the first thesis enrolment. Where a three-year funding plan exists, it is drawn up at first enrolment and specified in the training agreement. By way of exception, an exemption from this funding rule may be requested from the Deputy Site Director of the enrolling site, who shall refer it to the Executive Committee.

In the case of a jointly supervised thesis, a minimum level of resources greater than or equal to 100% of the net monthly SMIC is required when the doctoral candidate resides in France. When the doctoral candidate resides in the foreign country of the joint supervision, the rules of the other cotutelle institution must be followed. The funding plan is specified in the joint-supervision agreement.

Regardless of the candidates' nationality, thesis funding may not come from personal resources. In very exceptional circumstances, and upon an exemption request submitted to the Doctoral School Executive Committee, candidates may carry out a full-time thesis using personal resources, subject to: 1) the agreement of the thesis supervision team, 2) the agreement of the management of the host unit and team, and 3) the submission each year of a reasoned declaration on honour explaining the resources and their source, demonstrating that the research can be completed within the allotted three-year period.

If the doctoral candidate's resources come from professional activity not directly related to the thesis, a statement of financial resources shall be requested each year; in addition, the Doctoral School shall ensure that this activity leaves sufficient time for the proper completion of the part-time thesis, within a maximum of six years.

3.3. Doctoral candidate selection procedure

The accredited and associated institutions mandate the Doctoral School to implement an open, transparent and merit-based selection of candidates for carrying out a thesis.

The VAAME Doctoral School wishes the scientific policy for choosing thesis subjects to remain the responsibility of research units. Each thesis subject must be displayed within a research speciality covered by the VAAME Doctoral School (§ Annex 1).

Regardless of the type of thesis funding, each thesis offer must be approved by the management of the host research unit.

Prepared by the thesis supervision team, the thesis offer must contain precise information on the source of the funding/co-funding, specifying whether it has been secured or is pending. For each member of the supervisory team, the thesis offer must indicate: 1) the planned supervision/co-supervision rate for the thesis concerned; 2) the number of other doctoral candidates simultaneously supervised/co-supervised; 3) publications involving the doctoral candidates supervised/co-supervised during the last five years; 4) the professional situation of previous doctoral candidates supervised/co-supervised during the last five years.

Regardless of the type of thesis funding, every thesis offer must be posted by the project leaders (i.e. the thesis supervision team) at least three weeks before recruitment, in French and English, on the Amethis platform (<https://amethis.doctorat.org/>) and on the Doctoral School website, in addition to any other possible distribution (institutional postings, professional networks of units and researchers, Intelli'Agence, Euraxess, etc.). Depending on the type of thesis funding, two cases must be distinguished for the procedure for posting thesis subjects: <https://amethis.doctorat.org/>

1. Thesis on "institutional funding" – Institutional Doctoral Contract (CDE) The Doctoral School collects the rules for awarding CDEs from the co-accredited institutions and the number of theses to be funded. Thesis offers from the units and research teams selected for these CDEs are posted on the Amethis platform by the project leaders. The Doctoral School administrator checks the administrative compliance (compliance with supervision requirements) of these thesis offers and ensures that they are published on the Amethis platform (late March – early April).
2. Theses funded by other sources (ANR, ANRT CIFRE, ADEME, ANSES, IFREMER, INRAE, local authorities, foundations, private partners, etc.) and foreign funding (Ministry of Foreign Affairs, foreign governments, etc.)

As these thesis subjects are targeted at a supervisory team by the funder, the Doctoral School wishes the procedure for posting the offer on the Amethis website to be identical to that for "institutional" funding. Verification of the administrative compliance of the thesis offer (compliance with funding and supervision requirements) is carried out by the site administrator, who approves publication. Thesis supervisors are required to post their thesis offer on the Amethis platform at least three weeks before recruitment.

Candidate selection remains the responsibility of the Doctoral School. The recruitment policy of the VAAME Doctoral School is based first and foremost on the quality of

applicants, who are invited to submit an application file including a detailed curriculum vitae (academic background with grades and Master's ranking), a presentation of their research experience (work carried out, particularly during the Master's degree), a justified choice of thesis subject, and a motivation letter identifying the place of the thesis within their professional project.

Two recruitment procedures must be distinguished, depending on the type of thesis funding:

1. Recruitment competition for theses funded by institutions (CDE)

The Doctoral School organises an annual competition for the allocation of doctoral contracts (co-)funded by the institutions (CDE). CDEs are awarded to applicants on the basis of a recruitment interview organised according to a schedule published annually by the Doctoral School.

Applications for a CDE are submitted online from the publication of the thesis offers until the end of May. In the VAAME Doctoral School competition, an individual may apply for several thesis projects submitted for an Institutional Doctoral Contract. If a candidate has applied for several subjects, they attend as many interviews as there are eligible applications.

The VAAME Doctoral School administrator checks the administrative eligibility of applications (amended Order of 25 May 2016) before sending them to the thesis supervision team for examination of all applications for its subject. The thesis supervision team examines the candidates' academic level and the suitability of their profile for the thesis project and assesses their motivation. Among all applications examined, the thesis supervision team may propose up to two candidates eligible for the recruitment interview for its thesis subject. The Thesis Committee then establishes the overall list of candidates admitted to an interview, organises the recruitment interviews normally scheduled for late June–early July, and determines the composition of the recruitment panels. The recruitment interview panel(s) consists of 5 to 10 members with multidisciplinary scientific expertise, selected from among members of the Thesis Committee and researchers and teacher-researchers affiliated with the Doctoral School. The composition of the recruitment panels is approved by the Doctoral School management. To ensure equal treatment of candidates and consistency of rankings, one panel member is a member of the Doctoral School Executive Committee. A doctoral candidate may voluntarily attend all interviews as an observer (i.e. without participating in discussions with candidates or in panel deliberations).

The interview panel must verify the candidate's motivation, assess their ability to carry out a thesis and their intention to take ownership of the subject and integrate into the future host team.

Interviews may be conducted in French or English.

Candidate rankings by subject are approved by the Doctoral School Executive Committee before being forwarded to the Doctoral School Council for approval of the competition results. The final list of selected candidates is sent to the site administrators for the final decision of the heads of the enrolling institutions. If a competition is unsuccessful, the institutions will decide how to reallocate the unawarded funding.

2. Recruitment interview for theses funded by other sources and foreign funding

Theses funded other than through CDE are subject to a procedure adapted to the funder's requirements (specific recruitment procedure, funding targeted at the subject/candidate pair, etc.). As partnership funding rarely follows the academic calendar, these applications will be processed on a rolling basis.

Applications from candidates selected by the thesis supervision team for a recruitment interview must meet the same administrative and scientific criteria as those required for applications selected for institutionally funded theses. Recruitment interviews are then organised by the host research unit (i.e. the thesis supervision team), possibly by videoconference, in the presence of at least one Doctoral School representative. This person, designated by the Doctoral School management from among HDR holders affiliated with the School, belongs to another research unit and is not part of the thesis supervision team. They shall ensure compliance with good recruitment practices and equal treatment of candidates. In all cases of funding targeted at the subject/candidate pair (e.g. employees, foreign scholarship holders, certain international joint-supervision arrangements, CIFRE, etc.), the Doctoral School asks thesis supervisors to organise an interview in the presence of an HDR representative of the School, following procedures similar to recruitment by interview, so that the School can ensure that the candidate is capable of undertaking doctoral studies.

If the thesis supervision team does not wish to organise recruitment by interview, it may entrust it to the Doctoral School, and its project will then enter the Doctoral School competition, following the same procedure as for institutionally funded theses. To submit a thesis project to the Doctoral School competition, the thesis supervision team must ensure that it can be included in the annual competition timetable, including the deadline for submitting thesis subjects on the platform.

3.4. Individual Monitoring Committee (CSI)

The doctoral candidate is supported by an Individual Monitoring Committee (CSI), whose roles are to:

- evaluate the progress of the doctoral candidate's research and the proper conduct of their doctoral pathway, based on an activity report
- evaluate the conditions for the doctoral candidate's integration into the host team
- ensure that the reception, financial, supervision and material conditions are appropriate for continuing the thesis
- help prevent any form of conflict, discrimination, bullying or sexual harassment, or sexist behaviour, and, where appropriate, alert the Doctoral School, which will initiate

a mediation procedure following the procedure described in the Pays de la Loire Doctoral Charter

- contribute to preparing the doctoral candidate's future career by assessing the consistency of their training plan and research training with their professional project, and by making recommendations for the remainder of the doctoral pathway. The objective is to help the doctoral candidate build a portfolio demonstrating a broad range of skills acquired during the thesis, in line with their professional project.

The CSI consists of at least two people not involved in the thesis, at least one of whom holds an HDR. Both CSI members must be external to the research unit (team) hosting the doctoral candidate, and at least one member must be external to the Doctoral School or to the candidate's enrolling institution. For scientific persons from abroad where the HDR qualification does not exist, or persons from the socio-economic sector, a CV must be submitted to the Executive Committee, which will assess their experience in doctoral supervision. The scientific persons composing the CSI are selected so that they can effectively monitor the progress of the doctoral pathway (results obtained, publications/outputs, training completed, etc.) and discuss, in synergy with the supervisory team, issues raised by the research. At least one CSI member shall be an expert in the research field related to the thesis, and at least one CSI member shall be a “non-specialist”, i.e. belong to a different CNU section from that covering the main thesis topic, or be an expert in a different speciality from that of the thesis, or use methods different from those used in the thesis work.

The composition of the CSI is established within the first four months following enrolment by the Director of the Doctoral School, on the proposal of the thesis supervision team in consultation with the doctoral candidate, and approved by the management of the host unit. One additional member, possibly from the same research unit, may be added at the proposal of the doctoral candidate before the first CSI meeting. If one committee member resigns, they are replaced following the same process.

The CSI meets with the doctoral candidate at least once a year. For any first thesis enrolment before 31 December, the doctoral candidate must submit a CSI report before 30 June to enable re-enrolment in the second year. For any first thesis enrolment after 1 January, the doctoral candidate must submit a progress report, signed by the thesis supervision team, to enable re-enrolment in the second year.

In addition to the annual meeting, the CSI may be convened at the request of the doctoral candidate or thesis supervision team at any time during the thesis.

The CSI meeting must systematically include three stages: 1) presentation and discussion of research progress; 2) a discussion with the doctoral candidate in the absence of the thesis supervision team; 3) a meeting with the thesis supervision team in the absence of the doctoral candidate. Depending on how the CSI meeting proceeds, a fourth stage may be proposed to obtain immediate feedback from CSI members to the doctoral candidate and/or the supervisory team.

Before this meeting, the doctoral candidate shall complete and send to the CSI members a standard document listing the training agreement, the individual training plan and

the record of achievements. A brief description of the thesis subject and objectives, together with a summary of the results already obtained and the work planned for the coming year, shall be compiled in an activity report attached to the standard document.

Based on the meeting and the documents received beforehand, the CSI prepares a report using a standard document, containing recommendations and a detailed opinion on re-enrolment, which it communicates to the doctoral candidate, the thesis supervision team and the Deputy Site Directors, for transmission to the enrolling institution and the Doctoral School management.

The thesis Directors and co-supervisors organise the CSI meetings and participate in scientific discussions, but are not involved in drafting the CSI report.

To authorise any re-enrolment in the following year, including possible re-enrolment in the fourth year, the Doctoral School must receive a favourable opinion from the CSI on the continuation of the thesis work, as stated in its report.

In exceptional circumstances delaying the holding of a CSI meeting, the thesis supervision team must submit a reasoned exemption request to the Doctoral School Executive Committee, together with proposals for alternative arrangements (e.g. a detailed activity report prepared by the doctoral candidate) pending a formal CSI meeting.

For re-enrolment in the final year and beyond, there is no need to convene the CSI if the thesis defense takes place before the administrative re-enrolment deadline (see 31 December). However, it is recommended that a CSI meeting be organised at the end of the third year (full-time thesis) or the end of the sixth year (part-time thesis) to anticipate any delay in the defense that would trigger enrolment in an additional year.

CSI members may serve on the thesis defense committee as examiners or invited members, but may not act as reviewers of the thesis work.

At the request of the doctoral candidate and to support them during their thesis, the Doctoral School may appoint a tutor, who may or may not be a CSI member. Their role is to advise the doctoral candidate on any material or relational difficulties and to promote the proper conduct of the thesis.

3.5. Annual doctoral enrolment

Following the selection process described in §3.3, first-year doctoral enrolment is approved by the head of the accredited institution, on the proposal of the Doctoral School Director, after consultation with the thesis supervision team and the management of the research unit hosting the doctoral candidate. First thesis enrolment is subject to the outcome of the competition interview or recruitment interview and to the existence of thesis funding as described in §3.2.

Preparation of the thesis involves annual renewal of the doctoral candidate's enrolment⁹ at their institution for three years of full-time thesis work and six years of part-time thesis work, excluding study breaks.

At this stage, the Doctoral School management verifies that the scientific, material and financial conditions are in place to guarantee the proper conduct of the doctoral candidate's research work and thesis preparation.

Re-enrolment applications are accompanied by a form containing the opinions of: 1) the thesis supervision team, 2) the management of the host unit, and 3) the Individual Monitoring Committee, based on the progress of the work.

If these opinions are favourable, the Director of the Doctoral School proposes to the head of the enrolling institution enrolment in the second or third year. Authorisations for enrolment in the fourth year (and beyond) are subject to favourable opinions from the Individual Monitoring Committee and the Doctoral School Thesis Committee and are approved by the Doctoral School Executive Committee.

In the event of an unfavourable opinion, the decision not to renew enrolment is taken by the head of the institution, who notifies the doctoral candidate. Mediation is initiated if necessary (see §6).

3.6. Thesis supervision

Under the regulations in force, the doctorate is prepared in a research unit affiliated with a doctoral school, under the responsibility of a thesis Director who is authorised to supervise research (HDR), affiliated with the same research unit and the same doctoral school.

Any co-Directors, who also hold an HDR, do not necessarily belong to the same doctoral school or the same research unit. The supervisory team may be extended to members who are not authorised to supervise research; these are then designated as co-supervisors and do not necessarily belong to the same doctoral school or the same research unit.

As the overall supervision rate for a doctoral candidate is 100%, a minimum of 40% co-supervision is allocated to the thesis Director, who undertakes to devote a significant part of their time to it. The majority supervision percentage must be allocated to the thesis Director. The minimum percentage for co-direction or co-supervision is 30%.

Thus, the supervisory team, including the Director, co-Directors and co-supervisors, may not exceed 3 members. The enrolling institution may grant

9 Enrolment website: <https://amethis.doctorat.org/amethis-client/>

exemptions for a maximum of 4 members, upon presentation of a statement signed by the thesis supervision team and approved by the Doctoral School Executive Committee.

In the case of joint supervision with a foreign university, the supervision rate is divided between the two countries, with a thesis Director at each institution. The distribution of the supervision rate is defined in the joint-supervision agreement established between the institutions concerned, with possible flexibility regarding the rules listed above.

The maximum number of doctoral candidates simultaneously placed under the responsibility of the same thesis Director is 4, with a maximum supervision rate of 200%, except for an exemption granted by the Doctoral School upon a duly justified request addressed to the Executive Committee. Exemptions should mainly concern periods of overlap between the end of one thesis and the beginning of another.

The Doctoral School collects and retains, for each doctoral candidate, the list of persons participating in supervision and their supervision rate.

The thesis supervision team is responsible for the quality of supervision throughout the thesis and for monitoring the proper conduct of the thesis work and doctoral pathway. The thesis supervision team must define and assemble the resources required to enable the work to be carried out under good conditions. The doctoral candidate must be informed of the frequency of meetings that will be established with the thesis supervision team. In addition, the doctoral candidate must be fully integrated into their host unit, where, insofar as possible, they have access to the same facilities as permanent researchers to carry out their research work (equipment, resources – particularly IT resources – documentation, and the opportunity to attend seminars and conferences). The management of the doctoral candidate's host unit and the thesis supervision team must ensure that the candidate has the material resources to present their work at national and international scientific events.

The doctoral candidate shall regularly inform the thesis supervision team of the progress of the thesis and any difficulties encountered.

3.7. Duration of doctoral preparation

The research work entrusted to the doctoral candidate must be capable of being completed in 3 years for a full-time thesis, or 6 years for a part-time thesis.

Extensions of the doctoral preparation period may only be granted by the enrolling institution by way of exemption, following an opinion from the Doctoral School, which shall have previously examined the proposal from the thesis supervision team drawn up in agreement with the doctoral candidate. An approved extension does not in any way automatically entail continuation of the funding from which the doctoral candidate may have benefited, although all parties may explore possible sources of assistance.

In order to comply with the planned duration of doctoral preparation, the doctoral candidate and thesis supervision team must fulfil their commitments regarding the necessary working time

Repeated failure to fulfil these commitments shall be jointly recorded by the doctoral candidate and the thesis supervision team and may lead to a mediation procedure.

In accordance with national regulations, on an exceptional basis and upon a reasoned request from the doctoral candidate, a non-divisible study break of a maximum duration of one year may be taken once, by decision of the head of the institution in which the doctoral candidate is enrolled, after agreement from the employer where applicable and consultation with the thesis supervision team and Deputy Site Director. A study break may not be granted in the case of CDE funding (§3.3).

4. Individual Training Plan

The award of the doctorate certifies the ability to produce high-level new scientific knowledge in the research field of the thesis, as well as the acquisition and mastery of skill blocks common to all doctoral graduates and related to research-based training. The doctoral candidate must regularly review the skills to be developed during doctoral preparation on the basis of the six common skill blocks¹⁰ listed in the National Directory of Professional Certifications (RNCP).

In order to broaden their range of skills and disciplinary horizons and facilitate future career development, the doctoral candidate must complete at least 100 hours of training or equivalent during thesis preparation, including compulsory training in “research ethics and scientific integrity” and “open science”.

In addition to compulsory training, two types of training are made available to doctoral candidates:

- training courses listed in the catalogue of the Doctoral School or the site Doctoral College. The doctoral candidate may choose “scientific” or “disciplinary” training courses organised by the VAAME Doctoral School or by other doctoral schools in the case of interdisciplinary scientific projects, as well as complementary¹¹ cross-disciplinary, professional or methodological training organised by the site Doctoral College or at regional level.

10 Order of 22 February 2019 defining the skills of doctoral graduates and entering the doctorate in the National Directory of Professional Certifications (RNCP)
<https://www.legifrance.gouv.fr/loda/id/JORFTEXT000038200990> / www.legifrance.gouv.fr/loda/id/JORFTEXT000038200990

11 Main types of complementary training offered by the Pays de la Loire Doctoral College and the sites:

1. Written, poster and oral communication techniques
2. Scientific mediation and outreach
3. Research and management of documentary resources
4. Identifying and showcasing one's skills (CV, interview, assessment, etc.)
5. Preparation of a professional project (postdoctoral work, industry, academia, etc.)
6. The digital world (internet monitoring, digital identity, bibliometrics, etc.)
7. Language courses (English and French for foreign students)

- “out-of-catalogue” training courses, which may be chosen outside the training offer provided by the doctoral schools, sites or Doctoral College.

Each doctoral candidate remains responsible for constructing their individual training plan according to their background and career development project, in consultation with and with the advice of their thesis supervision team. For this purpose, a training agreement is signed between the doctoral candidate and the thesis supervision team upon first-year enrolment and then updated at each annual re-enrolment.

Completion of a training course is not assessed by an examination but by attendance monitoring. A record of completed training courses shall be prepared by the doctoral candidate and validated by the Doctoral School. This record will be requested by the enrolling institution for authorisation to defend the thesis. A doctoral candidate who has not fulfilled their training obligations may not be authorised to defend their thesis. The thesis supervision team must ensure that the doctoral candidate completes their training procedures within the required time.

In parallel with catalogue and “out-of-catalogue” training, a training exemption of up to 20 hours may be granted for the doctoral candidate's “achievements”, i.e. practical research activities and doctoral valorisation activities (participation in professional fairs, Scientific and Technical Culture activities, and committees, etc.). The exemption scale for these activities is established by the Doctoral School Training Committee (§ Annex 2). The doctoral candidate shall provide a certificate of participation signed by the training organiser, specifying dates, location, content and training hours. These activities shall be recorded by the doctoral candidate in a “record of achievements”. Requests for training exemptions may be submitted to the Doctoral School Training Committee, up to a maximum of 50 exemption hours for doctoral candidates under CIFRE contracts, in joint supervision or in salaried employment.

In accordance with the Order of 25 May 2016, a portfolio comprising an individualised list of all the doctoral candidate's activities during their training, including teaching, dissemination of scientific and technical culture or technology transfer, and highlighting the skills developed during doctoral preparation, shall be produced. This portfolio is regularly updated by the doctoral candidate on the basis of the record of achievements and the record of completed training.

5. Compliance with scientific integrity requirements

The partner institutions of the VAAME Doctoral School promote the conduct of doctoral research in compliance with the requirements of scientific integrity and research ethics. Doctoral candidates have access to training in the principles and requirements of research ethics and scientific integrity. They undertake to comply with them throughout the preparation of their doctorate. The partner institutions, doctoral school directors, thesis supervision teams, research unit directors and all persons supervising or participating in a

doctoral candidate's work undertake to promote and support this commitment. Regarding the use of generative artificial intelligence, any use of generative AI by the doctoral candidate must be subject to prior agreement between the doctoral candidate and their supervisors. The doctoral candidate undertakes to follow the recommendations of the enrolling institution and host laboratory regarding the use of and citation of generative artificial intelligence in their thesis work. Following the defense and in the event of admission, the doctoral graduate takes an oath undertaking to respect the principles and requirements of scientific integrity throughout the remainder of their professional career, whatever the sector or field of activity.

The oath of doctoral graduates relating to scientific integrity¹² is as follows:

“Before my peers, having reached the end of my doctorate in [Speciality], and having thus practised, in my pursuit of knowledge, the demanding exercise of scientific research, cultivating intellectual rigour and ethical reflexivity and respecting the principles of scientific integrity, I undertake, insofar as it depends on me, for the remainder of my professional career, whatever the sector or field of activity, to maintain integrity in my relationship with knowledge, my methods and my results.”

The defense minutes shall explicitly state whether the doctoral graduate took the oath.

6. Thesis defense

6.1. Reviewers and thesis defense committee

Pursuant to the rules of the Order of 25 May 2016, reviewers must be external to the research unit, the enrolling institution where the thesis was prepared and the Doctoral School. They must hold the rank of professor or equivalent or hold an HDR. For scientific persons from abroad where the HDR qualification does not exist, or persons from the socio-economic sector, a CV must be submitted to the site management or the Doctoral School Executive Committee, which will assess their experience in doctoral supervision. Reviewers must not have participated in the thesis work or have conflicts of interest or other links of interest with the doctoral candidate or the thesis supervision team. Reviewers may not have joint publications with the doctoral candidate. As a reminder, CSI members may serve on the thesis defense committee but may not act as reviewers of the thesis work.

The composition of the defense committee must comply with Article 18 of the Order of 25 May 2016. It must consist of 4 to 8 members. If the thesis Director and co-Director are members of the committee, it is recommended that the committee comprise at least 5 members. Its composition must ensure balanced representation

of women and men, and the committee must include at least one representative of each gender. At least half of its members must, on the one hand, be external to the Doctoral School and, on the other hand, be professors of universities or equivalent staff.

12 Order of 26 August 2022 amending the Order of 25 May 2016

The status of university professor or equivalent is based on the Orders of 1992¹³ and 2011¹⁴. For teachers of equivalent rank who do not come under the ministry responsible for higher education and research, professor status is based on the regulations of the relevant supervisory ministry. Emeritus professors and researchers¹⁵ are not included in the 50% quota of university professors or equivalent staff and may not chair a doctoral defense committee.

The committee members appoint a chair from among themselves, who must hold the rank of professor or equivalent or an equivalent rank, and, where applicable, a defense reviewer.

6.2. Application for authorisation to defend the thesis

When a doctoral candidate and their thesis supervision team consider that the work merits a defense, the thesis Director sends the Deputy Site Director concerned an application for authorisation to defend, including: 1) a proposed defense committee and selection of reviewers, 2) the opinions of the Individual Monitoring Committee since the beginning of the thesis, 3) the doctoral candidate's portfolio, including the record of achievements and record of completed training, and 4) the thesis abstract.

The Deputy Site Director concerned, assisted or not by the Doctoral School Thesis Committee, verifies that the following criteria are met:

- 1. Compliance of the committee composition and selection of reviewers with national regulations (Order of 25 May 2016) and the recommendations of the Doctoral School**
- 2. Completion of 100 hours of training, including compulsory training in “research ethics and scientific integrity” and “open science” (see §4)**
- 3. Obtaining a publication arising from the thesis work, signed by the doctoral candidate as first author, at the “accepted” stage, in an international peer-reviewed journal indexed in Web of Science/SCOPUS. Participation by the doctoral candidate as a co-inventor of a patent, regardless of their participation rate, or publication of a recommended article (PCI deposit/recommendation system), is also considered equivalent to an indexed publication. Publications arising solely from previous work (Master's internship) are not taken into account. In the case of a thesis with a**

13 Order of 15 June 1992 establishing the list of civil service bodies equivalent to university professors and lecturers for the designation of members of the National Council of Universities <https://www.legifrance.gouv.fr/loda/id/LEGITEXT000019860291/2020-09-13>

¹³www.legifrance.gouv.fr/loda/id/LEGITEXT000019860291/2020-09-13

14 Order of 10 February 2011 relating to the equivalence table for qualifications, work and functions of teacher-researchers referred to in Articles 22 and 43 of Decree No. 84-431 of 6 June 1984 <https://www.legifrance.gouv.fr/loda/id/LEGITEXT000023665054/2020-01-01>

⁰¹www.legifrance.gouv.fr/loda/id/LEGITEXT000023665054/2020-01-01

15 Decree No. 2021-1423 of 29 October 2021 relating to emeritus status for university professors and lecturers

<https://www.legifrance.gouv.fr/jorf/id/JORFTEXT000044273426>www.legifrance.gouv.fr/jorf/id/JORFTEXT000044273426

confidentiality clause, valorisation conditions are discussed with the Doctoral School whenever appropriate during the course of the thesis.

- 4. Participation in an international conference, through an oral or poster presentation that has been validated through a peer-review process**
- 5. Participation in the Welcome Day organised by the site Doctoral College, compulsory in the first year of the thesis**
- 6. Participation in the VAAME Doctoral School Scientific Days, at least once during the thesis, preferably in the second year**

If the language in which the thesis is written is not French, the thesis must be supplemented by a substantial summary in French (Article 21 – Order of 25 May 2016).

Based on examination of the preceding elements, the Deputy Site Director or the Director of the Doctoral School sends the application for authorisation to defend to the head of the enrolling institution that will award the degree.

Authorisation to defend is granted by the head of the institution following a favourable opinion from the two thesis reviewers.

7. Accredited institutions

The accredited institutions ensure the implementation of the Doctoral School's policies within their organisations. They ensure administrative compliance and manage the administrative files of doctoral candidates enrolled at their institution. The enrolling institutions guarantee implementation of the training agreement and award the degree. They provide the Doctoral School, where the educational management of doctoral candidates takes place, with information on doctoral candidates and thesis supervisors affiliated with their institution. The institution hosting the VAAME Doctoral School, namely the University of Angers, is responsible for the School's administrative and financial management.

8. Mediation

In the event of a conflict between the doctoral candidate and their supervision team, a mediation procedure is implemented in accordance with the terms of the doctoral charter signed at the beginning of the thesis. In the event of mediation, the site management of the Doctoral College shall be informed as soon as this procedure is initiated.

Any persistent conflict between the doctoral candidate and members of their thesis supervision team must be brought to the attention of the head of the host unit, who will endeavour to help the parties find a solution to resolve it.

In the event of failure of this mediation at host-unit level, the doctoral candidate, members of the thesis supervision team, or the head of the unit shall refer the matter to the Deputy Site

Director (or the Doctoral School management), who shall call upon a mediation group consisting of at least two members of the Doctoral School Council, including one representative of doctoral candidates. Without relieving anyone of their responsibilities, this group shall hear the parties and propose a solution. The mediation group's role requires impartiality.

If the conflict involves questions of ethics and/or scientific integrity, the Doctoral School management shall contact the scientific integrity officer of the doctoral candidate's enrolling institution, if one exists. The doctoral candidate, a member of the thesis supervision team or the head of the unit may also, where appropriate, contact the scientific integrity officer of the enrolling institution.

If mediation at Doctoral School level fails, the doctoral candidate, thesis supervision team or head of the unit may ask the head of the enrolling institution to appoint a second mediation group. If this also fails, a final appeal may be submitted directly to the head of the enrolling institution.

The Doctoral School and the enrolling institution shall keep each other informed of the conclusions of any mediation procedures they are required to organise.

9. Career follow-up

Career follow-up for doctoral graduates is provided by the Pays de la Loire Doctoral College in cooperation with the Doctoral School and research units. For this purpose, each doctoral candidate undertakes, upon enrolment, to provide the Pays de la Loire Doctoral College, their Doctoral School and their research unit with all information enabling them to be contacted to respond as comprehensively as possible to surveys concerning their professional future, for a period of five years after obtaining the doctorate.

10. Mailing list

Doctoral candidates are asked to ensure that they are properly subscribed to the mailing lists of the Doctoral School, the site Doctoral College to which they belong and the Pays de la Loire Doctoral College, using an institutional email address that they check regularly. Doctoral candidates are also asked to provide a personal email address that they will check after completion of the thesis.

11. Website

The Doctoral School website is used for the School's internal and external communication. In particular, it publishes the reference texts, these Internal Regulations, the governance and administrative structure of the Doctoral School, the list of researchers and teacher-researchers affiliated with the School and their supervision rates, minutes of Council meetings, the results of doctoral recruitment campaigns, the disciplinary training courses offered, and a description of each stage of the doctoral pathway. The website is developed under the responsibility of the Pays de la Loire Doctoral College.

12. Amendment of the Internal Regulations

These Internal Regulations may be amended by the Doctoral School Council on a proposal from the Doctoral School Executive Committee and after consultation with the management of the Pays de la Loire Doctoral College. In the event of an unfavourable opinion from the Doctoral College, the Doctoral School may seek the opinion of the Doctoral Committee.

Annex 1: list of thesis specialities

DS	Name of the specialism
3	Geochemistry and biogeochemical cycles
3	Marine geosciences, palaeoclimatology, palaeoenvironment
3	Earth and Environmental Sciences
4	Chemistry of Natural Products
4	Chemical ecology
4	Bioanalysis, analytical and environmental chemistry
5	Biochemistry, molecular and cellular biology
5	Macromolecular Chemistry – Biopolymers and Bio-based Materials
5	Ecotoxicology
5	Epidemiology, risk assessment
5	Genetics, genomics and bioinformatics
5	Microbiology and Immunology
5	Pharmacology, Phytochemistry and Toxicology
9	Geomatics
10	Biology of organisms
10	Population Biology and Ecology
10	Marine biology and ecology
10	Plant and Animal Biology and Physiology
10	Biotechnology
10	Ecology and evolution
10	Agricultural Sciences
10	Food Science – Food Processing Engineering
10	Statistics, Modelling, Artificial Intelligence, Life Sciences and Geosciences

Annex 2: list of training courses and activities giving rise to validation or exemption from training hours

	Formations ou activités	Nombre d'heures validées/dispense
Programmes listed in the Doctoral College or Doctoral School catalogue	Disciplinary training courses listed in the Doctoral School catalogue	Number of training hours
	Complementary training courses listed in the Doctoral College catalogue	Number of training hours
	Training in research ethics, scientific integrity and open science	Number of training hours
'Non-catalogue' courses offered by the Doctoral College or the Doctoral School	Training in research ethics, scientific integrity and open science	Number of training hours
	Formations organisées par un organisme de recherche, établissement de l'enseignement supérieur, structure privée, réseau....	Nb heures de la formation
	Training through online modules (MOOC)	Nb heures de la formation Validation, au maximum, de 20 heures sur la thèse
	French-language training for foreign students	Nb heures de la formation Validation, au maximum, de 30 heures sur la thèse
	Foreign-language training	Nb heures de la formation Validation, au maximum, de 30 heures sur la thèse
	Training through attendance of Master-level courses at a university/Grande École	Nb heures de la formation, Validation, au maximum, de 30 heures sur la thèse
Activities giving rise to an exemption from training hours	Participation in organising the "Doctoral School Scientific Days"	4 heures/événement Dispense, au maximum, de 12 heures sur la thèse
	Participation in a national or international scientific event WITH a written or oral presentation	4 hours per day of attendance / Exemption of up to 20 hours during the thesis
	Scientific stay in a laboratory abroad (excluding joint-supervision theses)	1.5 heures/jour Dispense, au maximum, de 20 heures sur la thèse
	Scientific stay in a national laboratory (excluding joint-supervision theses)	1 heure/jour Dispense, au maximum, de 20 heures sur la thèse
	Participation in a thematic school/summer school	5 heures/jour, Dispense, au maximum, de 10 heures sur la thèse
	Participation in organising a scientific event or recurring scientific outreach activity	4 heures/manifestation Dispense, au maximum, de 12 heures sur la thèse
	Participation in a scientific outreach event (Science Festival, etc.)	5 heures/manifestation Dispense, au maximum, de 10 heures sur la thèse
	Engagement (représentant au conseil de l'ED, commission ED, conseil d'unité, responsabilité dans une association doctorants...)	5 hours/year (cumulative) / Exemption of up to 20 hours during the thesis
	Doctoral candidate under joint supervision	Exemption of up to 50 hours during the thesis
	Doctoral candidate under a CIFRE thesis	Exemption of up to 50 hours during the thesis
	Salaried doctoral candidate	Exemption of up to 50 hours during the thesis