



PhD students enrolled for the first time from the 2023/24 academic year must present, in addition to the Research Plan, a Data Management Plan and a Training Plan. Below are the minimum contents that must include.

Data Management Plan

The Data Management Plan (DMP) is a methodological document that describes the lifecycle of data collected, generated, and processed during the doctoral thesis. This plan must include at least the types of data to be processed, their format, origin, storage, and measures to ensure that they will be treated FAIR (Findable, Accessible, Interoperable, Reusable). You will find more information on managing research data at: <https://dadesrecerca.upc.edu/>

If the research involves interaction with humans or the collection and/or processing of personal data, it will be necessary to ensure compliance with the measures provided for in the General Data Protection Regulation. This brief [guide](#) will help you determine which measures are necessary.

For more information: <https://biblioteca.upc.edu/en/investigadors/pla-gestio-dades> . The template for preparing the data plan and attaching it to this document as an Annex is available at: https://dmp.csuc.cat/public_templates

Training Plan

The personal training plan must include a forecast of the various training activities that will be carried out during the doctoral studies (courses, conferences, seminars, mobility actions, etc.). The training plan must necessarily include some training activity related to [open science](#).

Once the training activities included in the training plan (or others that may arise) have been completed, the corresponding justification must be obtained and the information must be entered into the Doctoral Student Activity Document (DAD). It is important to keep in mind that this document is a living document that can be updated throughout the doctoral studies.

- **Courses, seminars, or specific workshops of the Doctoral Program:**
 - Training related to the scientific equipment that will be used by the doctoral student (use, regulations, and/or risk prevention).
 - Participation in courses, seminars, or specific workshops of the Doctoral Program, whether scheduled by the research groups in which the doctoral student is working or organized by the Program itself.
 - Attendance plan for conferences, symposia, and/or training schools.
- **Transversal Training:**

The transversal training offer organized by the Doctoral School, classified into different training lines to configure a personalized training itinerary, can be found at: https://doctorat.upc.edu/en/doctoral-candidates/cross-disciplinary-training/cross-disciplinary-training-2?set_language=en

It is mandatory to include some activity related to open science and citizen science (which can be a scientific dissemination activity to society).

Once the course is completed, the corresponding justification must be obtained and the information must be entered into the DAD.

- **Mobility:**

If stays at other research centers or universities are planned, details and expected dates must be included. Keep in mind that research stays in higher education institutions or prestigious research centers outside of Spain equal to or exceeding 3 months allow applying for the International Mention (for more information: https://doctorat.upc.edu/en/doctoral-thesis/international-doctorate-mention?set_language=en).