The professional profile of PhD-holders

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Core business

PHASE 1 **Skill development**

Fulfilling the PhD project's objectives will requires extensive learning and training of several new skills, which brings valuable input from supervisors and co-workers that helps develop my competences.

PHASE 2 **Evaluation**

As a PhD student I am required to search for information in scientific literature from several sources. Therefore, selecting the most valuable information is a required skill. Additionally, the results of my work must be analyzed by myself and presented to the supervisors, who share their ideas regarding the quality of the work.

PHASE 2 **Information management**

The development of the PhD project required an extensive study of the state of the art of the scientific topic. The information was obtained from several resources, and from this research a large amount of data had to be managed and evaluated to select the most useful.

PHASE 2 **Expertise and methods**

The state of the art research of my PhD topic has helped me obtain the knowledge of the key concepts of the topic, as well as the most recent developments and the main challenges to overcome.

Personal and relational qualities

PHASE 2 **Communication**

The work of a PhD student involves presenting the progress of the research to the supervisors periodically. Sharing my results, hypotheses and expectations has helped me develop better communication skills.

PHASE 1 **Collaboration**

The development of the work related to the PhD involves professionals froms various institutions. The collaboration between different groups is of major importance to achieve the objectives.

PHASE 1 **Analysis, synthesis and critical thinking**

The large amounts of information found during bibliographical research has forced me to make an effort to analyze, synthesize and select the most critical information.

PHASE 1 **Open-mindedness and creativity**

My PhD project has brought me to a relatively new field with which I had little experience. This has brought me to learn new facts and techniques and to adapt and apply my previous experience to the project.

PHASE 1 **Commitment**

A PhD project, which has a duration of several years, teaches the student to be committed and motivated, even when the circumstances are not the expected.

PHASE 1 **Integrity**

The University of Strasbourg gives great importance to research integrity and offers its students extensive training in that regard, of which I have greatly benefited.

PHASE 1 **Balance**

In several occasions I have found myself in the need of using a technique for which I did not have the training or experience. In those situations, I have had to seek the help of my colleagues, which has helped me to knowledge my own limitations and learn from my co-workers. On the other hand, I have been able to share my experience in other aspects with my colleagues when they have found themselves in the same situation.

PHASE 2 **Listening and empathy**

Business management and value creation

PHASE 1 **Project management**

A big project such a PhD thesis requires the student to plan long-term goals and set a realistic planning of the work to be done years in advance, developing the skills of project management.

PHASE 2 **Managing risks**

Working in the laboratory with radioactive materials requires a thorough assessment of the risks involved.

PHASE 2 **Decision-making**

In many situations, reality does not allow to achieve all the expectations one has. In those situations, I have had to rethink the objectives to adapt to the technical means available, or develop an alternative approach that allowed me to achieve my objectives making use of the available tools.

PHASE 1 **Producing results**

Strategy and Leadership

PHASE 1 **Strategy**

As part of a larger group of scientists who work with the same overall objective, my research project serves to research the answers for one of the many challenges that the group is facing. Being a part of this group has helped me understand how my project fits into the organization and how it relates to the work of other members of the group.