

**PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA
MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH**

DOCTORAL TRAINING OFFER

Institution to be accredited

Sétif 1 University Ferhat Abbas

DOMAINE¹	FILIERE
SNV	Agronomic Sciences

1- Domiciliation of doctoral training:

Établissement	Faculty	Department
Setif 1 University Ferhat Abbas	SNV	Agronomy

2- Objectives assigned to doctoral training

- Objectives related to the training of trainers

This training project aims to provide research, development, and training for Master's and engineering students in various biology specialties listed in national and international university training programs. The goal is to train teachers in the various biology specialties to address the critical gap, as the need for these skills is significant, and to ensure quality supervision for graduate students. To achieve this, doctoral students must be taught diverse skills and new, cutting-edge techniques, and must participate in teaching, seminars, and internships. Doctoral students must be well-trained for easy integration into the professional world. Finally, during the completion of their thesis projects, doctoral students' skills must be developed and leveraged to enable them to

integrate flexibly into research units, training institutions, and the socioeconomic sector. - Scientific and Technological Objectives

Basic research provides solid training through the development of sound reasoning skills, as well as the development of students' abilities to map out logical strategies based on scientific foundations in order to pose problems and propose solutions with appropriate and suitable protocols. On a practical level, these areas of research are of great importance and contribute to solving several problems and developing techniques and applications that will have definite socioeconomic impacts.

- Socioeconomic Objectives

Doctoral training will create a high-level scientific environment to contribute to the production of new knowledge essential for the growth of the national economy. The Northeast Region of the Algerian Highlands is a very important economic and agricultural hub. All of these elements are of economic interest due to their broad geographical distribution. The primary goal of the training is to develop local training and research capacities through the completion of doctoral theses covering several fields of biology. The project also aims to implement techniques to promote the development of targeted, real-world treatments.

The objectives are summarized in the following points:

- Provide research training through high-level teaching, based on the development of courses and the organization of joint or topic-specific seminars, thus allowing doctoral students to meet and exchange experiences.
- Conduct research in host laboratories, training specialists to conduct cutting-edge research using a multidisciplinary approach in order to contribute to addressing the many socio-economic challenges that are crucial to our country.
- Promote scientists in a current field, combining theory, observation, experimentation, and modeling by providing complementary information directly related to the evolution of science and technology in the field of biological sciences.
- Interpret analyzed data and propose perspectives. Manage the preparation of a doctoral thesis under the supervision of experienced researchers.
- Train researchers capable of communicating effectively and concisely in French and English in seminars or conferences. The specialties covered by this training are

Plant Production

Animal Production