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| **Identity card of the specialty**: Bachelor's Degree in Food Technology and Quality Control |

**Level:**Licence

**Domain:**science of nature and life

**Sector:**Food Science

**Speciality:**Food technology and quality control

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| **1- Location of the training:** |

**Faculty (or Institute)**: Science of nature and life

**Department**: Biology

References of the authorization decree of the diploma to be prepared N ° 971 of August 09, 2016

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| **2- External partners:** |

**Companies and other socio-economic partners**: Company names

**International partners**:

* Béchar Hospital (240 beds) .
* ERIAD (Bechar),.
* Algerian Center for Quality Control and Packaging (CACQUE).
* economic sector of the region.
* SUDLAIT Bechar.
* Technical Institute for the Development of Saharan Agriculture of Abadla (ITDAS).

**Other partner establishments**:

* Adou Bakr Belkaid University of Tlamcen.
* Mustapha Stambouli University of Mascara.

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| **3- General organization of the training: position of the project** |

Common base of the field: Science of nature and life (SNV).

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| **4- Context of the training:** |

Food Technology and Quality Control.

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| **5- Objectives of the training:** |

The Agri-Food Technology and Quality Control license is an optional specialty with choices derived from Life and Earth Sciences, of which the common core of multidisciplinary agronomic sciences is the first platform. With the so-called common core, the total volume of training is spread over a period of six semesters.

With the technical progress and the complexity of the current rules of the pilot sectors of the modern economies of which the agri-food industries are part, it is qualified as a major necessity the integration of a training which deals with the injection of qualified executives to apply , to manage and promote quality and facilitates the transition to new approaches aimed at improving quality and particularly that of agri-food products.

Such training will breathe new life into the field because the trained executives will learn to feel the quality tools and methods of designing quality approaches that are the tool of any success within a sector including the food industry. .

Scientific research in the agricultural and food fields also needs continuous promotion of product quality and research, which makes this specialty a remarkable need on the part of society and on the part of scientific research.

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| **6- Profiles and skills targeted:** |

Based on the knowledge acquired accompanied by learning relating to the university course in common base and the specialization in Agri-food Technology and quality control, the graduates worthy of the bachelor's degrees in this specialty can have, according to their skills , pursuing a national or international academic or professional Master's degree or integrating into the professional fabric of the field.

Indeed, the promotions formed can be activated in many areas:

1- Quality Audit, in particular that of the agri-food sector

2- Agricultural extension

3- Agricultural and/or food production

4- Quality control of food products

5- Consumer protection and product safety.

6- Analyzes relating to quality, particularly in the food industry

7- Investigations and inquiries relating to quality.

8- Improving the quality of national products

9- The integration of modern technologies

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| **7- Local, regional and national employability potential:** |

The development of the agro-food industry, the pharmaceutical industries, the proliferation of medical, pharmaceutical and quality control laboratories (for the latter at the level of municipalities, wilayas, customs services) suggest the need for "manpower". scientific work. Having acquired a multidisciplinary training at Bac +5, graduates can occupy many positions in different sectors of activity.

The outlets are very varied. They are located mainly in the fields of microbiology at the "engineer" level or at the "researcher" level after a thesis, in secondary and higher education.