*Template for the Research Proposal*

***COVER PAGE***

**Name:**

**Surname:**

**Title of the project:**

**Indicate only one Research Topic you would like to be involved in** (the full description of Research Topics is also available on the [PhD Programme website](https://phd.unibo.it/agricultural-environmental-food-sci-technology/en/phd-programme/reseach-topics/)):

□ ( 1) Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry

□ ( 2) International Cooperation and Sustainable Development Policies

□ ( 3) Microbial Ecology and Plant Pathology

□ ( 4) Agricultural and Food Economics and Policy

□ ( 5) Agricultural Entomology

□ ( 6) Agricultural Engineering

□ ( 7) Food Science and Biotechnology

□ ( 8) Animal Science

□ ( 9) Tree Production Systems, Fruit, Forest and Ornamental Trees and Grape

□ (10) Water-Food-Energy-Sustainable Agriculture Nexus

**NB:** i)during the oral examination, each applicant can express to the Admission Board their interest for the assignment of one or more topic-specific positions; ii) it must be not indicated the name of possible professors who will be responsible for the PhD candidate research activity and the thesis; a supervisor is appointed by the Academic Board only after enrollment.

***PROPOSAL DESCRIPTION***

The project description, with special emphasis on the activities to be completed during the first-year course, cannot exceed 20,000 characters, including spaces and formula possibly used. This figure does not include references and images (such as graphs, diagrams, tables etc - where present). It must contain the following elements:

**1. State of the art and consistency with the doctoral candidate's learning pathway:** Provide a brief survey of existing research efforts and scientific basis, preferably with references to scientific literature. If your project is a part of a larger research effort requiring coordination, explain specifically your planned contributions within the larger framework. Ouline the essential elements showing consistency between the submitted research proposal and the applicant’s training path and previous experiences

**2. Description of the project.** Present the main objective and a brief summary, explaining how you intend to attain your goal. Describe how you are planning to use empirical, analytical or other methods for your research.

**3. Expected results.** The description of expected results should address impact on science, technology and society, if appropriate.

**4. Lead-time for implementation.** Outline a research plan for each year.

**5. Proposed criteria to be used to assess the findings obtained.** The project timeline should contain measures of achievement.

**6. References.** Please list applicable references.