

Degree Programs in Life and Earth Sciences

Educational purpose

The Degree Programs in Life and Earth Sciences cultivate researchers, university faculty members and highly specialized professionals who possess deep knowledge, research ability and research skill in the field of specialization in life science, geoscience or agricultural or environmental science, and on the other side, can see the life and human, and their foundations which are the earth, nature and society that surround them from a broad point of view, and also have the ingenious inspiration to find research tasks and the ability to solve them. To realize this education, the following Master's and Doctoral Programs are organized.

| | Competences specified by the Degree Programs | Evaluation perspectives |
|------------------|---|--|
| Master's Program | 1. Research ability: Basic knowledge and ability to set research tasks and carry out a research plan in the areas of life and earth sciences | If new research tasks using specialized knowledge gained in the areas of life and earth sciences are set If basic knowledge to carry out the research plan was acquired |
| | 2. Specialized knowledge: Advanced specialized knowledge and command of the areas of life and earth sciences | If advanced specialized knowledge in the areas of life and earth sciences was gained If capable of putting the specialized knowledge into practice |
| | 3. Ethical view: Ethical view and ethical knowledge appropriate for persons with basic research ability or highly specialized professionals in the areas of life and earth sciences | Ethical view and ethical knowledge appropriate for persons with basic research ability or highly specialized professionals in the areas of life and earth sciences were gained |
| Doctoral Program | 1. Research ability: Ability to set leading-edge research tasks based on up-to-date specialized knowledge and carry out a research plan independently in the areas of life and earth sciences | If leading-edge research tasks using up-to-date specialized knowledge gained in the areas of life and earth sciences are set If basic knowledge to carry out the research plan independently was acquired |
| | 2. Specialized knowledge: Leading-edge and advanced specialized knowledge and command of the areas of life and earth sciences | If leading-edge and advanced specialized knowledge in the areas of life and earth sciences was gained If capable of putting the specialized knowledge into practice |
| | 3. Ethical view: Ethical view and ethical knowledge appropriate for researchers or highly specialized professionals in the areas of life and earth sciences and deep ethical knowledge about the specific area of expertise | Ethical view and ethical knowledge appropriate for persons with basic research ability or highly specialized professionals in the areas of life and earth sciences were gained |