

## Entry Requirements: Expected Knowledge and Competencies for NARMEEM

Applicants are expected to have completed a **bachelor's degree or equivalent qualification** from a recognized university in a relevant field of study, corresponding to **EQF Level 6**. A foundational understanding in the following areas is required:

### 1. Academic background

- Fundamentals of hydrology (hydrological cycle, components, basic characteristics and relationships)
- Fundamentals of meteorology and bioclimatology (basic concepts, climatic characteristics)
- Fundamentals of geology (main groups of minerals and their characteristics, types of rocks)
- Fundamentals of pedology (basic functions, soil composition, chemical and physical properties of soil)
- Fundamentals of chemistry (terminology, chemical equations, basics of laboratory work)
- Fundamentals of physics (basic physical quantities, definitions, units, unit conversions)
- Fundamentals of microbiology (viruses, bacteria, fungi)
- Fundamentals of plant cultivation and agricultural technology (plant requirements, fertilizers, pesticides, soil cultivation)
- Fundamentals of applied ecology (relationships between organisms, human influence on the environment,)
- Knowledge of major environmental problems, including global change and environmental contamination, and others (causes and consequences)

### 2. English Language Proficiency

Applicants must be able to:

- Follow academic lectures and read scientific texts in English.
- Communicate in English during seminars, discussions, and group work.
- Write structured academic texts such as short reports, summaries, and essays.

This corresponds to **CEFR Level B1+ minimum**, with **B2 preferred**. No certificate is mandatory, but proficiency may be assessed via interview or placement test.