

Hokkaido University of Science

Contributing to Societal Development Founded on Experiences & Practical based Learning.

FOUNDATIONAL TENET:

The principal objective of research and education at Hokkaido University of Science is to “foster scientific citizens”. This entails cultivating cutting edge specialists in science, who have core skills and abilities that are needed in today’s knowledge-based society. Our mission is to contribute to the vitalization of local communities by supplying talented professionals with highly applied skills, healthy minds and healthy bodies; who are expected to play prominent roles based on a scientific mindset.

Foundational approach of Hokkaido University of Science

Basic Principles

- Fostering scientific citizens
- Professional education to meet the current demands of the times
- Strengthening of regional vitality

Educational Objectives

HUS works to develop 21st-century citizens capable of supporting the revitalization of Hokkaido and Japan as a whole, while thriving in their own areas of specialization as needed in today’s changing times.

Guiding Principles for Education

HUS supports students with the goals outlined below through finely tuned curricula and educational guidance in individual departments. Educational objectives are achieved through the process of implemented systems verifying the academic efficacy coupled with ongoing curriculum improvement.

1. Development of a knowledge framework that includes fundamental knowledge clusters in specialized fields and related connections with nature, society and history
2. Development of study habits (motivation for learning)
3. Recognition of roles in society and development of a strong sense of ethics
4. Enhancement and expansion of expertise
5. Acquisition of the knowledge and skills necessary to apply expertise in service to society

Educational Characteristics

Student-Based Education

Educational System:

- Educational and learning programs optimally designed for individual fields of specialization
- Educational and learning systems finely tuned to the aptitudes of new students
- Educational programs focused on small-group experiments and seminars

Educational Environments:

- Self-study environments ideal for stimulating students’ motivation to learn
- Pleasant group-study environments with open atmospheres
- Graduate research environments with a wide array of research equipment

Professional Education in Harmony with Information Society

Educational System:

- Educational programs to foster the strong sense of ethics required of technical experts
- Language education programs to foster communication skills for collaboration