

The purpose of the education and research provided by the Faculty of Science of Kobe University is to contribute to social progress by deepening our understanding of nature based on exploration of various scientific fields which are the foundation of the natural sciences, and developing human resources with problem-solving skills based on specialized knowledge and research capabilities in the field of science.

In order to achieve these objectives, the Faculty has established the following policies for conferring the Bachelor of Science, based on the University's policy for conferring degrees.

Department of Mathematics

1. The Faculty has set its learning goal in the Department of Mathematics as acquiring the following abilities in addition to the virtues prescribed by the University's policy on conferring degrees.

- The ability to command an overview of the sciences.
- The ability to understand and apply the foundations of mathematics.
- The ability to understand and apply core mathematics.
- The ability to understand modern mathematics.
- The ability to identify and creatively solve issues independently.

2. The Faculty's graduation requirement for the conferring of the Bachelor of Science is to attend Kobe University for the prescribed period of time, to acquire the credits stipulated in the University's rules for the Faculty of Science, and to achieve the learning goals set by the University and the Faculty.

Department of Physics

1. The Faculty has set its learning goal in the Department of Physics as acquiring the following abilities in addition to the virtues prescribed by the University's policy on conferring degrees.

- The ability to command an overview of the sciences.
- The ability to understand and apply the foundations of physics.
- The ability to understand the structure and functions of materials.
- The ability to understand modern physics.
- The ability to apply the experimental methods of physics.
- The ability to identify and creatively solve issues independently.

2. The Faculty's graduation requirement for the conferring of the Bachelor of Science is to attend Kobe University for the prescribed period of time, to acquire the credits stipulated in the University's rules for the Faculty of Science, and to achieve the learning goals set by the

University and the Faculty.

Department of Chemistry

1. The Faculty has set its learning goal in the Department of Chemistry as acquiring the following abilities in addition to the virtues prescribed by the University's policy on conferring degrees.

- The ability to command an overview of the sciences.
- The ability to understand and apply the foundations of chemistry.
- The ability to understand the structure and functions of materials.
- The ability to understand modern chemistry.
- The ability to apply the experimental methods of chemistry.
- The ability to identify and creatively solve issues independently.

2. The Faculty's graduation requirement for the conferring of the Bachelor of Science is to attend Kobe University for the prescribed period of time, to acquire the credits stipulated in the University's rules for the Faculty of Science, and to achieve the learning goals set by the University and the Faculty.

Department of Biology

1. The Faculty has set its learning goal in the Department of Biology as acquiring the following abilities in addition to the virtues prescribed by the University's policy on conferring degrees.

- The ability to command an overview of the natural sciences.
- The ability to understand and apply the foundations of biology.
- The ability to understand the common mechanisms of life shared by all organisms and the origins of biodiversity.
- The ability to understand contemporary biology.
- The ability to apply the experimental methods of biology.
- The ability to identify and creatively solve issues independently.

2. The Faculty's graduation requirement for the conferring of the Bachelor of Science is to attend Kobe University for the prescribed period of time, to acquire the credits stipulated in the University's rules for the Faculty of Science, and to achieve the learning goals set by the University and the Faculty.

Department of Planetology

1. The Faculty has set its learning goal in the Department of Planetology as acquiring the following abilities in addition to the virtues prescribed by the University's policy on conferring

degrees.

- The ability to command an overview of the sciences.
- The ability to understand and apply the foundations of planetology.
- The ability to understand various processes that occur in relation to the Earth, the solar system and space.
- The ability to understand planetology that encompasses the Earth, the solar system and space.
- The ability to understand and apply methods of conducting experiments, observations and surveys in planetology.
- The ability to identify and creatively solve issues independently

2. The Faculty's graduation requirement for the conferring of the Bachelor of Science is to attend Kobe University for the prescribed period of time, to acquire the credits stipulated in the University's rules for the Faculty of Science, and to achieve the learning goals set by the University and the Faculty.