

Diploma Policy of the Faculty of Science

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 this purpose we award Bachelor's degrees in accordance with the policies below.

Degree: Bachelor of Science

• Department of Mathematics

The Department of Mathematics of the Faculty of Science awards degrees as follows, based on the Kobe University Diploma Policy.

- Students shall be enrolled at the Faculty for at least four years and obtain at least the required amount of credits for completion.
- In addition to those specified in the Kobe University Diploma Policy, undergraduate students in the Faculty shall have acquired the following abilities by the time they graduate :
 - 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.

• Department of Physics

The Department of Physics of the Faculty of Science awards degrees as follows, based on the Kobe University Diploma Policy.

- Students shall be enrolled at the Faculty for at least four years and obtain at least the required amount of credits for completion.
- In addition to those specified in the Kobe University Diploma Policy, undergraduate students in the Faculty shall have acquired the following abilities by the time they graduate :
 - 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.

• **Department of Chemistry**

The Department of Chemistry of the Faculty of Science awards degrees as follows, based on the Kobe University Diploma Policy.

- Students shall be enrolled at the Faculty for at least four years and obtain at least the required amount of credits for completion.
- Undergraduate students in the Faculty shall have acquired the following abilities in addition to those specified in the Kobe University Diploma Policy by the time they graduate :
 - 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.

• **Department of Biology**

The Department of Biology of the Faculty of Science awards degrees as follows, based on the Kobe University Diploma Policy.

- Students shall be enrolled at the Faculty for at least four years and obtain at least the required amount of credits for completion.
- In addition to those specified in the Kobe University Diploma Policy, undergraduate students in the Faculty shall have acquired the following abilities by the time they graduate :
 - 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.

• **Department of Planetology**

The Department of Planetology of the Faculty of Science awards degrees as follows, based on the Kobe University Diploma Policy.

- Students shall be enrolled at the Faculty for at least four years and obtain at least the required

amount of credits for completion.

- In addition to those specified in the Kobe University Diploma Policy, undergraduate students in the Faculty shall have acquired the following abilities by the time they graduate :
 - 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.