

The Faculty of Science organizes and implements its educational programs in accordance with the following policies, based on the policy for conferring degrees established by the Faculty and the policy on the organization and implementation of curricula set by Kobe University.

### **Department of Mathematics**

1. The Department of Mathematics offers the Liberal Arts Course subjects in order to develop a broad and deep education and a comprehensive capacity for judgment, to cultivate a rich sense of humanity, and to achieve the common aim of learning for all students at the University.

2. The Department of Mathematics offers the Course in Major subjects in order to develop a profound knowledge and advanced professional skills, and to achieve the common aim of learning for all students at the University and the learning goal set by the Faculty.

- Common specialized foundation courses enabling students to gain a general overview of science.
- Mathematics basic courses enabling students to understand and apply the fundamentals of mathematics.
- Mathematics foundation courses enabling students to understand and apply core mathematics.
- Advanced mathematics courses enabling students to understand modern mathematics.
- Special research courses enabling students to properly formulate and creatively solve issues by themselves.

3. Classes shall be conducted through lectures, seminars, experiments, practical training, or a combination of these.

4. Assessment is carried out in a combined and comprehensive manner in line with the learning objectives, including through written exams, assignments, presentations and active participation.

### **Department of Physics**

1. The Department of Physics offers the Liberal Arts Course subjects in order to develop a broad and deep education and a comprehensive capacity for judgment, to cultivate a rich sense of humanity, and to achieve the common aim of learning for all students at the University.

2. The Department of Physics offers the Course in Major subjects in order to develop a profound knowledge and advanced professional skills, and to achieve the common aim of learning for all students at the University and the learning goal set by the Faculty.

- Common specialized foundation courses enabling students to gain a general overview of

science.

- Physics foundation courses enabling students to understand and apply the fundamentals of physics.
- Specialized physics courses enabling students to understand the structure and functions of materials.
- Advanced specialized physics courses enabling students to understand modern physics.
- Experimental physics courses enabling students to apply experimental methods in physics.
- Special research courses enabling students to properly formulate and creatively solve issues by themselves.

3. Classes shall be conducted through lectures, seminars, experiments, practical training, or a combination of these.

4. Assessment is carried out in a combined and comprehensive manner in line with the learning objectives, including through written exams, assignments, presentations and active participation.

### **Department of Chemistry**

1. The Department of Chemistry offers the Liberal Arts Course subjects in order to develop a broad and deep education and a comprehensive capacity for judgment, to cultivate a rich sense of humanity, and to achieve the common aim of learning for all students at the University.

2. The Department of Chemistry offers the Course in Major subjects in order to develop a profound knowledge and advanced professional skills, and to achieve the common aim of learning for all students at the University and the learning goal set by the Faculty.

- Common specialized foundation courses enabling students to gain a general overview of science.
- Chemistry foundation courses enabling students to understand and apply the fundamentals of chemistry.
- Specialized chemistry courses enabling students to understand the structure and functions of materials.
- Advanced specialized chemistry courses enabling students to understand modern chemistry.
- Experimental chemistry courses enabling students to apply experimental methods in chemistry.
- Special research courses enabling students to properly formulate and creatively solve issues by themselves.

3. Classes shall be conducted through lectures, seminars, experiments, practical training, or a

combination of these.

4. Assessment is carried out in a combined and comprehensive manner in line with the learning objectives, including through written exams, assignments, presentations and active participation.

### **Department of Biology**

1. The Department of Biology offers the Liberal Arts Course subjects in order to develop a broad and deep education and a comprehensive capacity for judgment, to cultivate a rich sense of humanity, and to achieve the common aim of learning for all students at the University.

2. The Department of Biology offers the Course in Major subjects in order to develop a profound knowledge and advanced professional skills, and to achieve the common aim of learning for all students at the University and the learning goal set by the Faculty.

- Common specialized foundation courses enabling students to gain a general overview of science.
- Biology foundation courses enabling students to understand and apply the fundamentals of biology.
- Specialized biology courses enabling students to understand the common mechanisms of life shared by all organisms and the origins of biodiversity.
- Advanced specialized biology courses enabling students to understand modern biology.
- Experimental biology courses enabling students to apply experimental methods in biology.
- Special research courses enabling students to properly formulate and creatively solve issues by themselves.

3. Classes shall be conducted through lectures, seminars, experiments, practical training, or a combination of these.

4. Assessment is carried out in a combined and comprehensive manner in line with the learning objectives, including through written exams, assignments, presentations and active participation.

### **Department of Planetology**

1. The Department of Planetology offers the Liberal Arts Course subjects in order to develop a broad and deep education and a comprehensive capacity for judgment, to cultivate a rich sense of humanity, and to achieve the common aim of learning for all students at the University.

2. The Department of Planetology offers the Course in Major subjects in order to develop a

profound knowledge and advanced professional skills, and to achieve the common aim of learning for all students at the University and the learning goal set by the Faculty.

- Common specialized foundation courses enabling students to gain a general overview of science.
- Planetology foundation courses enabling students to understand and apply the fundamentals of planetology.
- Specialized planetology courses enabling students to understand various processes that occur in relation to the Earth, the solar system and space.
- Advanced specialized planetology courses enabling students to understand planetology that encompasses the Earth, the solar system and space.
- Experimental and practical planetology courses enabling students to apply experimental methods in planetology.
- Special research courses enabling students to properly formulate and creatively solve issues by themselves.

3. Classes shall be conducted through lectures, seminars, experiments, practical training, or a combination of these.

4. Assessment is carried out in a combined and comprehensive manner in line with the learning objectives, including through written exams, assignments, presentations and active participation.