

# Mathematics

## I Educational Goal

- 1) To educate good intellectuals and competent researchers with expert knowledge of mathematical research.
- 2) To educate talented individuals who can develop ingenious skills and make academic contributions to some fields of mathematics.
- 3) To educate professionals who are necessary for various fields according to industrial development.

## II Educational Objective

### 1) Master's Course

- ① To cultivate basic knowledge which is fundamental for mathematical research.
- ② To acquire mathematical knowledge and be trained to research mathematics.
- ③ To develop creative thinking and knowledge in order to cultivate qualities that is necessary for research of mathematics.
- ④ To acquire a wide range of mathematical knowledge in order to work in the fields of applications of mathematics.

### 2) Doctor's course

- ① To understand the current trend of modern mathematics.
- ② To develop the ability to continuously pursue research on a given subject in a field.
- ③ To contribute the development of mathematics through the development of creative and novel theories.