

## **Graduate School of Frontier Biosciences**

Based on Osaka University Admission Policies, the Graduate School of Frontier Biosciences conducts entrance examinations according to the education principles noted below.

The Graduate School of Frontier Biosciences is a research institute for nurturing leaders who promote development in the life sciences. Recent big changes in bioscience such as decoding information in the genome and gene modification have expanded the possibilities of applications in medicine, agriculture, and material engineering in ways that we cannot fully comprehend. Also, some questions regarding the origins of life are being solved.

Research methods have advanced greatly and biology is changing from a conventional one focusing on genetics and enzymology to complex fields making use of advanced technologies in areas such as optical engineering, information engineering, and robotics. In order to respond to the new era of life science, this school, with professors in medicine, engineering, and science, provides an integrated 5-year course for nurturing persons possessing the power of a rich imagination, able to open new avenues in their research and become leaders in the new era.

The most important qualities that the Graduate School of Frontier Biosciences requires are an inquiring mind, fertile imagination, and language skills for negotiating with people outside Japan. Although more knowledge is better than none, it can be obtained after admission. Therefore, the school endeavors to gain insight into the potential of students as scientists through an oral examination.

As an indispensable factor to becoming researchers who can be active on the international stage, communication ability in English is essential. The school uses TOEIC scores to assess English proficiency.