

Crop Science (Master's and Doctoral program)
College of Agriculture and Biotechnology, Zhejiang University www.cab.zju.edu.cn
Introduction
<p>The postgraduate program of Crop Science is offered by the Institute of Crop Science at the College of Agriculture and Biotechnology, Zhejiang University.</p> <p>Research and teaching in Crop Science at Zhejiang University has a long history, with many distinguished scholars worked in this institute. The discipline of crop science was authorized to offer Master's and Doctorate programs in 1981 and 1986, respectively. Crop science has been the key discipline at Zhejiang since 1994. The institute currently has the research programs ranging from fundamental to applied aspects and from molecular to ecological perspectives.. With the distinct research feature, the institute has been developing very rapidly in the last 10 years and now recognized as one of the top institutions of crop science in China.</p>
Research fields
<p>Plant molecular Breeding and Germplasm Utilization, Bioinformatics and Quantitative Genetics, Gene Cloning and Transformation, Crop growth, Development and Regulation, Crop physiology and Molecular Biology, Production System for Quality and Safety Produces, Seed Science and Technology, and etc</p>
Courses
<p>1.Core courses: Bioinformatics; Precision Agriculture; Experimental Technology in Gene-Engineering; Molecular Biology; Proteomics.</p> <p>2.Elective courses: Research and Analysis of Agricultural System; Principle and Technology of Seed Biochemical Analysis; Scientific Writing; Molecular Breeding; Quantitative Genetics; Plant Resources; Analysis Method of Genomics Data; Statistical Methods for Genetic Models; Cellular Genetics; Linear Models and Statistical Analysis; Agricultural Resources and Regional Development; Plant Growth, Development and Regulation; Plant Physiological Ecology; Plant Biotechnology; Plant Genomics; Experimental Designs and SAS Analysis.</p>