



## Introduction

Located in Shanghai, the School of Agriculture and Biology (SAB) is a main department of SJTU which is devoted to the exploration and discovery of modern agriculture science and technology. It covers the field of Food Science, Horticulture, Environment, Landscape, Animals and Ecology, etc. Compared with other schools of agriculture in China, SAB enjoys the advantage of rich academic and international resources of SJTU.

The School consists of five departments: Department of Plant Sciences, Department of Animal Sciences, Department of Resource and Environment, Department of Food Science & Engineering, and Department of Landscape Architecture, as well as a number of academic and research centers.

As an important research base in Shanghai, SAB has found its unique way in Rural-Oriented Urban Agriculture and Food safety and Nutrition, which received more than 210 million research funds from local and national institutions.

# School of Agriculture and Biology

Departments	Professors	Research Areas
Department of Plant Sciences	TANG Kexuan	Plant Molecular Biology
	LU Jiang	Grapes, Genomics and Biological Information
	WANG Shiping	Protected Horticulture
Department of Resources and Environment	ZHOU Pei	Agricultural Environment Pollution Prevention and Bioremediation
	CHEN Jie	Proteomics and Molecular Pathology
Department of Food Science and Engineering	SHI Xianming	Foodborne Bacterial Molecular Ecology, Food Safety
	Harold CORKE	Agricultural Plant Science, Food Science
Department of Landscape Architecture	LIU Chunjiang	Urban Ecology and Urban Forestry, Plant Ecophysiology
	CHE Shengquan	Landscape Ecological Planning & Design, Landscape Assessment and Landscape Protection
Department of Animal Sciences	PAN Yuchun	Statistical Genomics and Bioinformatics, Animal Functional Genomics and Its Application
	HUA Xiuguo	New Pet Contract Virus Disease in Molecular Epidemiology

# International Graduate Program of Horticulture Landscape and Ecology & Food Safety and Nutrition

Specially designed for international students, the objective of these two international graduate programs is to cultivate and develop a new generation of international high-end professionals who are equipped not only with systematic knowledge of their specialty but also with internationalized vision in research and academic communication.

The programs highlight comprehensive and integrated subjects, outstanding and experienced faculties, fully combination of practice and theory, and internationalization in cultivation.

Currently, the international cooperation programs of joint training, academic exchange and students exchange cover a variety of world-known universities including Cornell, Duke, Michigan, Rutgers and Minnesota in America, Tokyo University of Agriculture, Chiba University and National Taiwan University, which offer students an international platform to improve themselves.

**Horticulture Landscape and Ecology** of SAB is not only a distinctive discipline in SJTU but also one of the leading academic subjects in Shanghai. As an important research base in Shanghai and China, the School has key laboratories for this discipline and research centers of the Ministry of Agriculture, the Ministry of Education and Shanghai, which provide students with abundant resources in study and research.

**Food Safety and Nutrition** was set up in 1993, and the discipline ranks top in master degree. In 2015, it was authorized to grant interdisciplinary doctoral degree of Food Safety and Nutrition. It has undertaken major national-level science and technology research projects and received more than 72 million RMB scientific research funds in the past three years.

## Platforms for Scientific Innovation

### Research Centers

- > Ministry of Agriculture Key Laboratory of Urban Agriculture (South)
- > Shanghai Municipality Key Laboratory of Veterinary Biotechnology
- > Institution of New Rural Area Development
- > Bor S. Luh Food Safety Research Center
- > Modern Agriculture Engineering Training Center
- > Shanghai Engineering Research Center for Food Safety
- > Sino-US Joint Research Center for Food Safety under the Ministry of Science and Technology
- > National Positioning Observation Station of Shanghai Urban Forest Ecological System under the State Forestry Administration
- > Joint-Research Center of Landscape and Architecture



### Contact

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