



Introduction

Established in the late 1950s, the School of Agriculture and Biology (SAB) of Shanghai Jiao Tong University has been adhering to be a high-level modern agriculture-oriented, actively exploring innovations and demand-driven agricultural science school.

The school is equipped with a relatively expansive research space and advanced facilities. In addition to three main buildings dedicated to research and teaching, an on-campus farm and greenhouse covering 10 hectare, the school also has two experimental bases and several scientific research platforms.

The school has established four academic departments: Plant Science, Animal Science, Resources and Environment, and Food Science and Engineering. It offers 5 undergraduate programs, 7 master's degree programs, 4 doctoral programs (including admission for international students), and 2 post-doctoral research centers. In the ARWU Ranking, the school ranks between 76th and 100th in agricultural science. The Plant Science, Animal Science and Agricultural Science are all ranked within the Top 1% globally in ESI. Ecology is ranked within the Top 1‰ globally in ESI. The majors in Agricultural Resources and Environment, Plant Science and Technology, Food Science and Engineering have been elected as National First-class Undergraduate Majors.

The school has developed a well-structured faculty team, who are well known for their excellent academic achievements, admirable professional ethics and great passion for agricultural science. Currently, the school has 267 faculty members, including 191 full-time teachers, 69 tenured professors. All teachers hold doctoral degrees, and 75% of them have overseas study or research experience.

So far, the school has a total of 1,063 full-time students, including 337 undergraduates and 724 postgraduates (including 317 PhD candidates, 39 of whom are international students). Nearly all graduated PhD students have secured promising job offers both domestically and internationally.



School of Agriculture and Biology Doctoral Degree Programs for International Students

Doctoral Degree Programs

SAB has 4 Doctoral Degree Programs in English, as:

Doctoral Degree Program in Ecology (071300)

Doctoral Degree Program in Ecology (Animal Science and Engineering) (0713J5)

Doctoral Degree Program in Horticulture (090200)

Doctoral Degree Program in Food Science and Engineering (083200)



Key Research Area

Horticulture

- Pomology
- Olericulture
- Medicinal and Ornamental Plants
- Horticultural Facility Science

Animal Science and Engineering

- Animal genetics, breeding and reproduction
- Animal nutrition and metabolism
- Veterinary science and epidemic prevention

Ecology

- Urban agricultural ecology and habitat control
- Crop ecology and pest control
- Rural environmental ecology and biomass energy engineering
- Urban and rural ecology and regional planning and management

Food Science and Engineering

- Food Safety
- Food Nutrition
- Food Innovations
- Food Engineering

Program Requirements

An applicant shall contact a supervisor first. A Conditional Offer from the supervisor is a prerequisite for admission by the school.

1. Study Duration

The study duration of full-time Doctoral Degree Programs is generally 4 years. PhD students can extend their study period by 1 to 2 years after applying for approval. There is no correlation between extension of graduate date and scholarship.

2. Curriculum and Credits

PhD students are required to achieve at least 18 credits in total.

3. Academic Papers

The publication of academic research papers, which must meet the requirements of both the school and the university, is required.

4. Dissertation

The dissertation should focus on the research field and meet the requirements as follows: innovative research subject, reasonable experiment design, advanced methods, reliable data, clear structures and in-depth discussion. The PhD dissertation defense will be organized and reviewed according to the rules of SJTU Postgraduate Dissertation Defense and Degree Application.

Achievements in the past 5 years:

Total research funding	550 million
Annual number of SCI papers	250+
Ministry of Science and Technology Projects (host)	9 items
National Natural Science Foundation of China (NSFC)	142 items
First Prize of Ministerial and Provincial Level Science and Technology Award	5 items
National invention patent authorization	316 items

Links:

The website of school:

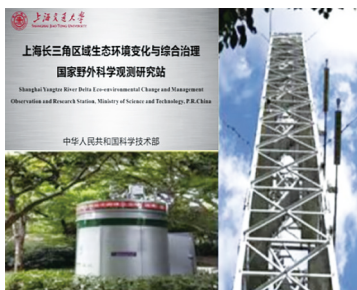
<https://www.agri.sjtu.edu.cn/en/data/list/fact>

Department/faculties:

<https://www.agri.sjtu.edu.cn/en/data/list/departments>

2025 SJTU International Graduate Admissions:

<https://www.agri.sjtu.edu.cn/En/Data/View/8379>



Contact

Ling Bai
Program Coordinator in International Office,
School of Agriculture and Biology

Phone: +86-021-34205933
Email: lbai@sjtu.edu.cn
Address: Rm 3-101B, Bldg A, School of Agriculture and Biology,
800 Dongchuan Rd.
200240, Shanghai, Chiina