



Introduction

Established in the late 1950s, the School of Agriculture and Biology (SAB) at Shanghai Jiao Tong University has been consistently conducting leading edge research in agricultural science, focusing on innovating and developing modern biotechnology, information technology, engineering technology and interdisciplinary integration. SAB is unwaveringly committed to enhancing international exchange and cooperation, and also dedicated to nurturing innovative talents.

SAB currently has 4 departments named Department of Plant Science, Department of Animal Science, Department of Resources and Environment, and Department of Food Science and Engineering as well as a number of academic and research centers. Centering on the systematic research of plant science, animal science, human nutrition and health, ecological environment, SAB has produced a series of significant research and technical output.

The school has attracted and nurtured a group of outstanding talents, forming a faculty team that is innovative, dynamic, and internationally competitive. At present, a total of 1,048 students are pursuing their studies on campus, comprising 339 undergraduates, 405 master's degree candidates, and 304 doctoral candidates.



School of Agriculture and Biology

Department	Key Research Area
Department of Plant Science	Pomology Olericulture Medicinal and Ornamental Plants Horticultural Facility Science
Department of Animal Science,	Animal genetics, breeding and reproduction Animal nutrition and metabolism Veterinary science and epidemic prevention
Department of Resources and Environment	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
Department of Food Science and Engineering	Food Safety Food Nutrition Food Innovations Food Engineer

Links:

The website of SAB:

<https://www.agri.sjtu.edu.cn/>

Department/faculties:

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

SJTU International Graduate Admissions

<https://isc.sjtu.edu.cn/EN/Default.aspx>



Global Ranking

ESI

Top 1‰ Environmental and Ecological Sciences
Top 1‰ Agriculture Science, Plant and Animal Science



Horticulture A+
Food Science and Engineering A+
Ecology A+
Veterinary A

Our Faculty

Currently, the school has 306 faculty and staff members, including 202 full-time faculty members. All faculty members hold doctoral degrees, and 75% of them have overseas research and study experience.

Excellent Faculty

Chair Professor	2
Distinguished Professor	12
Tenure Professor	14
Tenure (-track) Associate Professor	42
National Major Talent Program Scholar	11
National Major Talent Program Young Scholar	16
Provincial and Ministerial-level High-level Talent Programs Scholar	72

International students Admission

SAB offers doctoral degree programs to international students. Excellent applicants will have an opportunity to be awarded different kinds of scholarships, such as the Chinese Government Scholarship, Shanghai Government Scholarship, SJTU Scholarship.

Thesis-track Doctoral Degree Programs

• Majors

Ecology (071300) (Department of Resources and Environment)
Ecology (Animal Science and Engineering) (0713J5) (Department of Animal Science)
Horticulture (090200) (Department of Plant Science)
Food Science and Engineering (083200) (Department of Food Science and Technology)

• Curriculum and Credits

Complete all courses within the first academic year and acquire required total credits of the discipline

Scientific Research and Achievement

SAB continuously improves its research and innovation capabilities. The number of national-level major research projects, research funding, and high-quality publications has grown rapidly.

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

• Thesis and Academic Papers

PhD students shall submit and defend a scientific research thesis independently upon the completion of their research training procedures. Academic publications shall comply with the requirements set forth by both the school and university.

• Application Requirements

Prior to application submission, an applicant is required to proactively reach out to a professor (or a tenured/tenure-track associate professor) to be his/her supervisor. A Conditional Offer letter from the supervisor, which should be attached to the online application system in the SJTU admission system, is a prerequisite for admission by the school.



Contact

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