

SHOU



Shanghai Ocean
University

Contact Us

College of International Cultural Exchange
Shanghai Ocean University

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Ph.D. PROGRAMS PROSPECTUS 2024

Why PhD Program at SHOU?

World Top 1% of the ESI

Four disciplines in SHOU (Plant and Animal Science, Agricultural Science, Environment/Ecology, Engineering) ranked in the [World Top 1% of the ESI International Discipline Ranking](#).

Double First-Class Initiative

One of the [“Double First-Class Initiative”](#) universities in China for its [First-Class Discipline of Aquaculture and Fisheries](#).

International/Regional Aquaculture and Fisheries Organizations

Some of the strongest academic faculties working as [International Experts/Councilors or Adjunct Officers for International/Regional Aquaculture and Fisheries Organizations](#).



First Pelagic Fishery Resource Research Vessel

Advanced research facilities with more than 30 National, Municipal and Ministerial key labs and research centers, as well as China's [First Pelagic Fishery Resource Research Vessel](#) Song Hang, China's [unique ship ballast water laboratory](#) accredited by CNAS, CMA, DNV GL and USCG, and the [Largest Flume Tank in Asia](#), etc..

Full Scholarships

[Full Scholarships](#) (CSC, SGS-A, SHOU-PS) for doctoral degree programs covering [Tuition](#), [Single Room Accommodation](#), [Medical Insurance](#) and the [Monthly Stipend](#).

Lin-gang Special Area

Based in the [Lin-gang Special Area, China \(Shanghai\) Pilot-free Trade Zone](#) which offers excellent opportunities to international students such as [entrepreneurship](#) during study or [employment](#) upon graduation.

Full-time Faculty Positions

[Post-Doc](#) positions available for excellent PhD graduates and [full-time Faculty Positions](#) available for excellent International post-docs.

Doctoral Degree Programs for 2024

College	Discipline
College of Fisheries and Life Science	<ul style="list-style-type: none"> > Aquaculture > Biology
College of Marine Sciences	<ul style="list-style-type: none"> > Fishing Science > Fishery Resources > Marine Science
College of Food Sciences and Technology	<ul style="list-style-type: none"> > Food Science and Engineering
College of Marine Ecology and Environment	<ul style="list-style-type: none"> > Marine Science
College of Economics and Management	<ul style="list-style-type: none"> > Fishery Economics and Management
College of Engineering Science and Technology	<ul style="list-style-type: none"> > Marine Science (Marine Engineering and information)

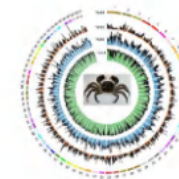
Program Duration: 4 Years

Brief Introduction to Colleges

01 College of Fisheries and Life Science

Discipline: Aquaculture, Biology(Hydrobiology)

Language of Teaching: English



College of Fisheries and Life Science

has a 100-year history of education, research and training. It has more than 160 faculty members, counting the largest part of SHOU. During the past 5 years, more than 2000 research papers have been published, around 280 patents have been authorized and 2 National standards in aquaculture have been formulated.



Aquaculture aims at the sustainable use of economically important aquatic animals and plants. In this discipline, biology, physiology, genetics and ecology are studied with the focus on the regular pattern of growth, development, reproduction and their relationship with environment, in order to protect and sustainable utilization of aquatic resources. Moreover, theories and operations relevant to nutritional requirements, disease prevention and control, reproduction and genetic improvement, water environment regulation & remediation, aquaculture engineering are also covered.

Biology focuses on biodiversity and vital processes of aquatic organisms, such as classification, structure and function of water ecosystems. Biology has theoretical and practical knowledge to understand phenomena and vital processes of life, managing, developing and utilizing hydrobiological resource as well as saving endangered species and maintaining balance of water ecosystem. This program also focuses on research regarding aquatic biodiversity and resource utilization, physiology and development biology in aquatic animals, aquatic ecology and conservation biology, genetic breeding and marine biological technology.



College of Marine Sciences has a national-level teaching faculty team, who serves as the Chinese chief scientist of eight International Fisheries Management Organizations. In the past five years, the college's researchers have undertaken more than 10 major projects of National Key Research & Development plans, more than 50 major projects of National Natural Science Foundation of China, and more than 200 Provincial and Ministerial Projects. The Annual Scientific Research Funding is over 100 million Yuan.

Fishery Resources is to study fishery biology, fishery population dynamics and fishery resource management regime and measurements, as well as theoretical basis for sustainable exploitation and utilization, management and conservation of fishery resources.

Fishing Science is to study ecological fishing gear and methods design and the suitable knowledge of the technical support for sustainable development of marine fishery.

Marine Science mainly studies the nature, mutual influence and laws of physical, chemical, biological and geological processes in the ocean, while focusing on the technologies for marine resource exploitation and application.



02 College of Marine Sciences

Discipline: Fishing Science, Fishery Resources, Marine Science

Language of Teaching: English

03 College of Food Sciences and Technology

Discipline: Food Science and Engineering

Language of Teaching: English

College of Food Sciences and Technology

developed on the basis of the Fisheries Manufacturing Department of Wusong Fisheries School established in 1912 and now has 7 provincial and ministerial scientific research platforms. In 2015, the Food Science and Engineering Experiment Center was rated as a national experimental teaching demonstration center. The discipline of food science and engineering was approved as a key discipline of the Ministry of Agriculture in 1998, a Shanghai characteristic key discipline in 2005, a key discipline of Shanghai Municipal Education Commission in 2009 and a first-class discipline of Shanghai's universities in 2012.



Food Science and Engineering studies high-quality processing and utilization of aquatic products, food quality and safety risk assessment, food cold chain logistics and quality control, new technology of food processing engineering, food nutrition and health, etc.

2019年食品与健康国际研讨会（上海）

International Symposium on Food and Health, ISFH(Shanghai)
2019.8.28



04 4. College of Marine Ecology and Environment

Discipline: Marine Science

College of Marine Ecology and Environment has a high level teaching faculty team, who serves as the Chinese chief scientist of environmental protection and ecological restoration. In the past five years, the college's researchers have undertaken more than 20 major projects of National Key Research & Development plans and projects of National Natural Science Foundation of China, and more than 50 Provincial and Ministerial Projects. The Annual Scientific Research Funding is over 20 million Yuan.

Marine Science mainly studies the nature, mutual influence and laws of physical, chemical, biological processes in the ocean, while focusing on the technologies for marine environmental protection and ecological restoration.



College of Economics and Management has an experimental center and three research centers, including the “Strategic Research and Development Center of China Fisheries”, the “Strategic Research and Development Center of Marine Industry” and the “Shanghai Social Survey Center/Shanghai Ocean University Branch”. It currently has over 100 Faculty and Staff, of which 44 Faculty members have senior professional titles. 3 Senior Professors have obtained the position as leading scientist in the National Modern Agricultural Economy Technology System.

Fishery Economics and Management is an important interdisciplinary subject of applied economics and fisheries science. The main research fields of this discipline are fishery economic theory and policy, fishery resources and environmental economics, market and trade of aquatic products.

05 College of Economics and Management

Discipline: Fishery Economics and Management

Language of Teaching: English



Fishery economic theory and policy mainly studies fishery production factors and technological progress, fishery microeconomic organization, fishery industrial structure, fishery support and protection, fishery modernization and sustainable development. Fishery resources and environmental economics mainly studies the basic theory of fishery resources and environmental economics, the optimal allocation of fishery resources, fishery resources sustainable utilization, fishery resources utilization system and environmental protection policy.

Market and trade of aquatic products mainly studies the demand and supply of aquatic products, international trade rules and barriers, international competitiveness of aquatic products, aquatic products trade of major countries.



06 College of Engineering Science and Technology

Discipline: Marine Science (Marine Engineering and Information)

Language of Teaching: English

College of Engineering Science and Technology

meets the talents needs of industries in Lin-gang Special Area, China (Shanghai) Pilot-free Trade Zone the Lingang area and focuses on the development of three directions: ship and ocean engineering, marine renewable energy, and marine and fishery engineering; The college has a provincial and ministerial level platform of Shanghai Marine Renewable Energy Engineering Technology Research Center, as well as three university level discipline platforms: Fishery Energy Conservation Research Institute, Marine Engineering Research Institute, and Marine Corrosion Protection Engineering Technology Research Center. It also has a certificate for fishery ship design issued by the Ministry of Agriculture, as well as teaching and research software for modern design and system modeling and simulation.



Marine Science (Marine Engineering and Information) studies skills and information processing technologies of modern marine exploration technologies such as marine engineering and marine information, and is able to engage in scientific research and industry fields such as marine engineering technology research, large and complex marine engineering equipment design, marine engineering surveying and mapping, marine information product development and service. The main research directions of the degree program include smart ocean, deep-sea engineering, new marine energy, design and construction of offshore functional platforms and equipment.



第四届全球水产养殖大会 GLOBAL CONFERENCE ON AQUACULTURE MILLENNIUM+20

21 第四届全球水产养殖大会

SCHOLARSHIPS IN 2024

As one of the China's leading universities and a member of the National "Double First-Class initiative" universities, SHOU regularly accepts international students who have been awarded Chinese Government Scholarship(CSC) or the Shanghai Government Scholarship(SGS). Additionally, SHOU provides its own "University President Scholarship" (SHOU-PS) to attract excellent international students.

1. CSC- Chinese Government Scholarship

China Scholarship Council(CSC), offered by the Ministry of Education of the People's Republic of China, is responsible for the enrollment and the administration of Chinese Government Scholarship programs. CSC covers tuition, expenses for accommodation, medical insurance, and stipend during the corresponding study period.

CSC Scholarship Type A(Bilateral Program):

Applicants shall directly apply to the designated institutions / Chinese Embassy in your country with their agency code and visit

<https://www.campuschina.org/> for more information and Pre-Admission Letter for the assistance of scholarship application could be applied at SHOU (admissions.shou.edu.cn).

CSC Scholarship Type B(Chinese University Program Scholarship):

Applicants shall apply both at SHOU (gjxssqxt.cn) and at CSC (<https://www.campuschina.org/>). After selection process, SHOU will shortlist the candidates, give the candidate with the Pre-Admission Letter and recommend the selected candidates to CSC council. The CSC council will review the application materials and issue the final scholarship result.

SHOU Agency Code:10264

2. SGS - Shanghai Government Scholarship Type A

SGS Type A covers tuition, expenses for accommodation, medical insurance, and stipend during the corresponding study period. Applicants shall apply both at SGS (<http://study.edu.sh.gov.cn/en/>) and SHOU (gjxssqxt.cn).

3. SHOU - PS: Shanghai Ocean University President Scholarship Type A

SHOU - PS Type A covers tuition, expenses for accommodation, medical insurance, and stipend during the corresponding study period. Applicants shall apply at SHOU (gjxssqxt.cn).

Note: All the scholarship recipients must attend the Scholarship Annual Review. If one does not pass the review, the scholarship will be suspended or canceled.



APPLICATION

Applicant Eligibility

- (1) Non-Chinese citizen in good health, hold personal passport.
- (2) Master degree holder and no more than 35 years old.
- (3) Outstanding in academic performance with research experience and achievements, at least has published 1 paper.
- (4) Be able to learn online. Some courses will be taught via online method. Students who are not well equipped with necessary online learning facilities such as laptop, stable internet connection, quiet learning space etc., are not suggested to apply.
- (5) Abide by local laws, university rules and regulations.
- (6) Agree to study according to academic requirements, such as HSK 3 certificate and publishing SCI papers as graduation requirements.

Application Deadline:

February 1st 2024

Application Procedures

Step 1:

Check the Ph.D supervisor list, select the potential supervisor and contact to get the Supervision Confirmation Letter. Discuss with your supervisor about your research plan at SHOU and finish the research proposal. Supervisor list please check:
<https://kdocs.cn/l/cmTmMJfYL0pZ>

Step 2:

Register at gjxssqxt.cn, complete the application form online and submit all required application documents. CSC and SGS scholarship applicants should also register and submit the application form on specific scholarship websites above respectively.

CSC: <https://www.campuschina.org/>

SGS: <http://study.edu.sh.gov.cn/en/>

Step 3:

Pay application fee of RMB 400 by transfer or online. The application fee is non-refundable if paid.

Bank Account Information

For international transfer with Foreign Currency such as USD, EUR, JPY:	For Chinese CNY transfer:
Account name: SHANGHAI OCEAN UNIVERSITY	户名: 上海海洋大学
Account No.: 03867300040009466	账号: 03867300040009466
Bank Name: Agricultural Bank of China, Shanghai Branch	开户银行: 中国农业银行上海自贸试验区新片区分行
SWIFT: ABOCCNBJ090	地址: 上海市浦东新区沪城环路999号
Address: 999 Hucheng Ring Road, Pudong New Area, Shanghai, China 201306	电话: +86 021-61900256

Step 4:

Participate in online interview as request.

Step 5:

Track your application status and confirm the admission result.

Documents Required



1. Passport photocopy

A clear copy of your valid passport with name, photo, date of birth, place of birth, date of issue, and date of expiry clearly visible.

Visa page is required for applicants who are currently living outside their own country of residence.



2. 1-inch electronic personal photo (JPG format)



3. Degree certificate and transcripts of previous education

Bachelor degree diploma, master degree diploma, and all years' transcripts.

The photocopies of the original certificate should have the school's official stamp and/or the signature of the principal. If the original ones are not in Chinese or English, they must be translated and notarized by authorized institution.

Graduating students can provide the photocopies of pending graduation certificate and up-to-date transcripts. The official graduation diploma and transcripts of all years must be submitted promptly after being received.

Original certificates must be provided on registration day.





4. Language Proficiency Certificate

Applying for English-taught degree programs, please provide certificate of IELTS 6.0 or TOEFL IBT 80 or above received within the last 2 years. Students submitting any other English proficiency certificate may be required to provide supplementary materials.

Applicants whose native language is English do not need to provide English language certificate.



5. Supervision Confirmation Letter from Professors of SHOU

Applicants need to first contact the Ph.D supervisor of SHOU and get the supervision confirmation letter for application.



6. Research Proposal and Study Plan

Written in English or Chinese, including Research Objectives, Methodology, Research Achievements thus far (e.g. title and abstracts of graduation thesis or published paper, list of projects), Cognition of China, Reasons for choosing SHOU, Study Objectives, Academic Goals, Future Research and Career Plan during the program.

SHOU supervisor's signature is needed on the research proposal for application submission.

Applicants are required to write the research proposal after discussion with the potential supervisor at SHOU.

The research proposal example can be downloaded at SHOU-Disclosure-Related Form:

<http://admissions.shou.edu.cn/en/?c=content&a=show&id=1583>

Or: Research proposal and study plan: <https://kdocs.cn/l/cf1n954CRjrA>



7. Self-Introduction Video (MP4 Format, less than 40M)

Please provide a 3-minute self-introduction video in English. Self-introduction video may include previous academic background, reasons for choosing to study in SHOU, research plan, interests and hobbies, etc.



8. Resume

Written in English or Chinese, including your personal information, educational background, work experience, publication list, achievements so far and other information that might be useful for your application.



9. Two Recommendation Letters

Written in English or Chinese by 2 different scholars who hold the title of associate professor or higher in a related academic field. One recommender should be applicant's previous supervisor. The issue date of the recommendation letter should be later than September 1st, 2022. Recommendation letter should include the title, place of work, contact phone number, email address and written signature.



10. Foreigner Physical Examination Certificate (Valid in 6 months)

Applicants should strictly follow the requirements of the Physical Examination Record for Foreigner and provide a detailed report of blood examination etc. Incomplete records, those without the signature of the doctor or official stamp of the hospital or a sealed photograph of the applicants are invalid.



11. Non-Criminal Record

Notarized Chinese or English translation is required for non-Chinese or English versions' documents.



Entry and Visa Information

Students accepted by SHOU will receive an Admission Package which includes Admission Notice, Visa Application Form for Study in China (JW201 or JW202), New Student Guide, and Campus Map. With these documents, students must apply for X-Type Chinese Visa (Study Visa) at their local Chinese embassy or consulate. The students are required to study at Shanghai in September 2024.

Accommodation

Doctoral candidates will be arranged to live in dormitory room of International Student Apartments on campus. A public common area including a study lounge, activity room, as well as laundry rooms are located on the first floor. All single rooms are equipped with in-suite bathroom, shower facility, air conditioner, bed, desk, wardrobe, and other basic necessities.

