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1. Foreword

Shanghai Ocean University (SHOU) is a cross-disciplinary applied research-based institution of higher education jointly established by Shanghai Municipal People's Government, State Oceanic Administration and Ministry of Agriculture. Its origin can be traced back to Jiangsu Provincial Fisheries School founded in 1912 by Zhang Jian and Huang Yanpei. In 1952, it was upgraded into Shanghai Fisheries College as the nation's first higher educational institution on fisheries. Then it was renamed as Shanghai Fisheries University in 1985 and Shanghai Ocean University (SHOU) in 2008.

In September, 2017, fisheries discipline in Shanghai Ocean University has been selected into the national "first-class" discipline development university list which is one part of national "double first-class" project, a new impetus for the development of China's higher education sector supervised by China's Ministry of Education (MOE).

SHOU has grown into a multi-disciplinary university featuring uniqueness and superiority in s marine sciences, fisheries and food sciences, and with coordinated development in agriculture, science, engineering, economics, arts, management and law. Till now, the university has always been guided by its founding mission "Fishery Right is Sea Right." and its motto "Diligence, Sincerity, Dedication and Practicality". With its tradition grounded in writing papers on oceans, rivers and lakes at home and abroad, teachers and students have travelled across the nation and the globe.

SHOU has three campuses respectively located on Hucheng Ring Road in Pudong New Area, Jungong Road in Yanngpu District and Minxing Road in Yangpu District, of which the Hucheng Ring Road Campus is the main campus that covers a land area of over 1600mu(1mu~666.67m²) and a planned building area of 586,000 m².



SHOU is equipped with a comprehensive and sound education system that contains apparently preponderant disciplines and has delivered impressive research results, including various breakthroughs in natural sciences, humanities and social sciences, etc, and has made significant contributions to aquaculture, marine fisheries, marine resources, aquatic product processing, food security, cold-chain logistics of farm produce and fishery economic management.

SHOU features sound running conditions and well-equipped teaching and professional labs. It has nearly 200 off-campus bases for teaching practice across the nation, in addition to various on-campus research institutes. It has built a modern campus network and China aquatic network that serves domestic fishery industry.

In response to the strategy of maritime power and the "belt and road" initiative proposed by the government, SHOU has been dedicated to reforms and innovation on talent training models in recent years to enhance economic and social development of Shanghai and the nation. The university aims to cultivate innovative talents on aquaculture and interdisciplinary advanced talents on fisheries who are people of noble moral standards and integrity with solid professional backgrounds, international vision, truth-seeking and pragmatic scientific literacy, pioneering and innovative spirit and the sense of teamwork.

"A big instrument will play resounding sound; people who have lofty aspirations must have profound insights." SHOU will adhere to the school motto "Diligence, Sincerity, Dedication and Practicality", stay true to the mission and continue to raise our characteristic education to a higher level with greater passion and a strong team-working spirit.



2. School Motto

Jiangsu Provincial Fisheries College was formerly established in 1912 with the assistance of Huang Yanpei, a renowned educator. Zhang Liu, the founding vice-chancellor proposed “five expectations” for the students, namely: be diligent; foster simple and sincere campus culture; be aware of flippancy and arrogance; beware of empty talk about state affairs; earn your own living. On September 1st, 1914, “Diligence, Sincerity, Dedication and Practicality” officially became the school motto.

In 2004, SHOU gave the motto a fresh new interpretation as follows. Diligence: Be a diligent and devoted student or employee and fight against negative and lazy attitudes. Sincerity: Be a simple and elegant person, i.e. be pragmatic; work more and talk less; do not squander in pursuit of luxurious lifestyle. Dedication: Be a patriotic person and win honor for your university, i.e. stay loyal to your country and your university instead of being an ungrateful person. Practicality: Be a pragmatic person, i.e. pay attention to practical skills and be oriented towards the effectiveness; do not fiddle with results.



3. Mission Statement

Revolve around the main topic of “sustainable development and exploitation of water-borne living resources and protection of earth environment and ecology” to conduct research and deliver courses on natural science, humanities and social science disciplines that highly interpret “living resources, earth environment and human society” in the hope of sustaining the development of human society.

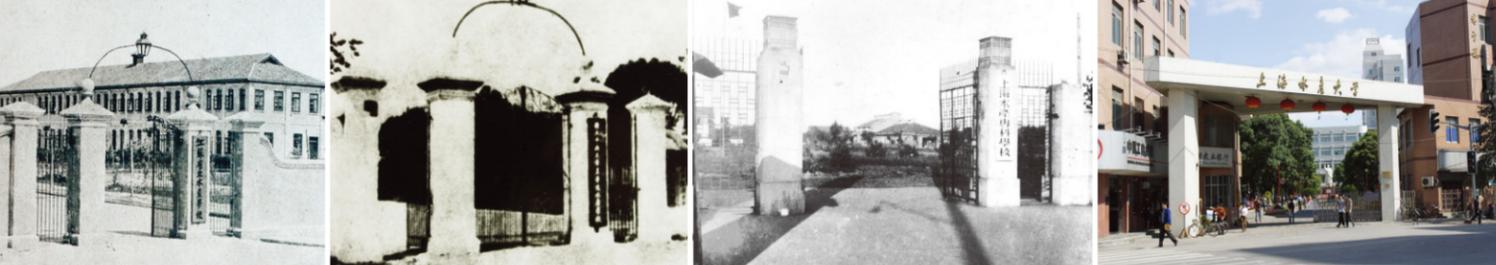
4. Talent Cultivation Objectives

Focus on the theme of “sustainable development and exploitation of water-borne living resources and protection of earth environment and ecology” and center on “marine science education, marine protection and taking advantage of marine resources” to provide education and conduct research on natural science, humanities and social science that focus on oceanology, aquaculture and food. Cultivate highly specialized professionals who have a good sense about science, a good command of professional knowledge and techniques along with basic international vision, communication skills, cultural literacy, practical problem-solving abilities, rational mindset, sound judgments, social responsibilities and ability of understanding problems in the modern society.

5. Strategic Development Objectives

Vision for 2020: To establish SHOU into a high quality specialized university featuring shaped main disciplinary system structure, close integration of related disciplines and specialized talent training; to continuously improve comprehensive capacity, social influence and various kinds of academic evaluations; to develop into a multi-disciplinary applied research-based university featuring uniqueness and superiority in marine sciences, fisheries and food sciences, and with coordinated development in agriculture, science, engineering, economics, arts, management and law.; to become an influential university worldwide that excellently interprets living resources, earth environment and human society.

Outlook toward 2030: To establish itself as a high-quality specialized university with great international influence.



6. History

Historical Development of Shanghai Ocean University

1912-1927	Jiangsu Provincial Fisheries School
1927-1928A	Fisheries School of College of Agriculture, National 4th Zhongshan University
1928-1930	Fisheries School of College of Agriculture, National Central University
1930-1937	Jiangsu Provincial Fisheries School
1937-1947	Suspended during the Anti-Japanese War
1947-1951	Shanghai Wusong Fisheries Technical School
1951-1952	Shanghai Fisheries Technical School
1952-1972	Shanghai Fisheries Institute
1972-1979	Xiamen Fisheries Institute
1979-1985	Shanghai Fisheries Institute
1985-2008	Shanghai Fisheries University
2008-	Shanghai Ocean University



7. Faculty

Contents	Headcounts
Total number of faculty members	Over 1200
Teaching staff and R&D personnel	Over 800
Senior professional technicians	Over 400
Doctoral and post-graduate supervisors	Over 300
Doubled employed academician	2
The first batch of distinguished professor under “Chang Jiang Scholars Program”	1
National “Thousand Talents Program”	3
National “Thousand Youth Talents Program”	1
Winners of National Science Fund for Outstanding Young Scholars	2
National candidates for Talents Project	6
Members of the Discipline Assessment Panels of State Council (7 th year)	2
Personnel granted with special allowances by State Council	13
Scientific and technological innovation leader program under the National “Ten Thousand Talents Program”	1
Young and middle-aged leading scientists, engineers and innovators	1
Program for New Century Talents of Ministry of Education	2
Experts with prominent contributions at provincial level	2
Shanghai “Thousand Talent Plan”	5
Shanghai Leading Talents	6
Shanghai excellent academic leaders	9
Shanghai excellent technology leaders	2
Outstanding teachers at provincial and municipal levels	3
“Millions of Talents Program” (provincial-level)	2
Chair of first-class academic societies	3
Shanghai Eastern Scholar Program	22
Young Eastern Scholar Program	4
Shanghai “Dawn” Program	19
Shanghai Pujiang Talent Program	24
Shanghai Science and Technology Committee Rising-Star Program	10
Sunshine Scholar Program	6
Morning Plan	9

*Data as of May 31, 2017

8. Colleges

College of Fisheries and Life Science

College of Fisheries and Life Science was formally known as Aquaculture Division of Jiangsu Provincial Fisheries College established in 1921. With joint efforts made by generations of people, the college has developed multiple disciplines including aquaculture, hydrobiology and marine biology as three specialties and established undergraduate, post-graduate, doctoral and post-doctoral mobile stations.

There are 6 undergraduate programs (directions) (aquaculture, aquatic animal medicine, aquaria science and technology, biological science, biotechnology and biological science (marine life) and 2 master degree programs on first-level disciplines, 2 doctoral degree program on first-level disciplines (fishery and biology) and 1 post-doctoral mobile station (fishery). The aquaculture discipline was approved as national key discipline in 2002; aquatic life discipline was approved as Shanghai municipal key discipline in 2008; marine biology was approved as key disciplines of Shanghai Municipal Education Commission in 2007.

It has built a joint international research center on marine biology, a national experimental teaching demonstrating center of aquatic science, a key lab for exploitation and utilization of aquatic genetic resources under Ministry of Education, a key lab for exploitation and utilization of freshwater aquatic genetic resources under Ministry of Agriculture, National Bank of Aquatic Life Pathogens, Megalobrama Amblycephala Genetic Breeding Center under Ministry of Agriculture, Fish Nutrition and Ecology Research Center under Ministry of Agriculture as well as SHOU Ichthyologic Research Institute and Specimen Room established by Zhu Yuanding, a renowned ichthyologist.

In the future, the college will seize the opportunity of establishing first-level fishery disciplines and implementing training scheme of outstanding agroforestry talents specialized in aquatic science to develop itself into a high-quality and characteristic research-based college that aims for cutting-edge technology worldwide and aligns with significant strategic requirements of the state and social and economic development of Shanghai municipality.



College of Marine Sciences

College of Marine Science, a traditional characteristic college was evolved from Fishing Division founded along with the establishment of the school in 1912. Now it has built several state-level R&D and social service platforms, including National Deep-Sea Fishery Engineering Technology Research Center, National Experimental Teaching Demonstrating Center of Aquatic Science, a key lab for sustainable exploitation of marine aquatic resources under Ministry of Education, a key lab for exploitation of marine aquatic resources under Ministry of Agriculture and Observatory for Environmental Science.

Meanwhile, the college has jointly established several research platforms with research institutes from home and abroad, such as Sino-US Oceanographic Remote Sensing and Fisheries Information Research Center, Marine Ecology and Environmental Lab, Marine Fishery Sensing and GIS Lab, Marine Fishery Environment Monitoring and Forecast Industrial Base and Marine Life Age Identification and Micro-chemical Research Center. Meanwhile, it has also established quite a few university platforms such as Deep-Sea Fisheries Department, International Marine Studies Center and Surveying and Mapping Research Center.

There are 2 departments and 4 undergraduate programs: marine fishery science and technology (divided into marine fishery technology and marine fishery resource and management), marine science (divided into marine physics and marine management) marine technology (divided into marine information engineering and marine charting). Marine fishery science and technology program was chosen as national specialty program by Ministry of Education in 2007.

The college has 1 post-doctoral mobile station on fishery discipline; 1 doctoral degree program on fishery discipline; 2 master degree programs on first-level disciplines (fishery science and marine science); 6 master degree programs on second-level disciplines (fishing science, science of fishery resources, control and protection of fishery area, marine physics and marine chemistry).



College of Food Science and Technology

College of Food Science and Technology was formally known as Aquatic Product Manufacturing Division founded along with Wusong Fisheries College in 1912. The college currently has several post-doctoral mobile research stations on food science and engineering, doctoral degree programs on first-level disciplines of food science and engineering, master degree programs on first-level disciplines of food science and engineering, 3 master degree programs on such second-level disciplines as biology, refrigeration and cryogenic engineering and applied chemistry, professional master degree programs on food engineering and power engineering along with master degree programs on food processing and safe agriculture promotion. Besides, the college has 7 undergraduate programs, namely food science and engineering, food safety and quality, food science and safety (food logistics engineering), marine biopharmaceuticals, energy and power engineering, building environment and energy engineering and packaging engineering.

The college has developed four disciplines (departments) and four provincial-and-ministerial labs and centers, namely aquatic product processing and storage engineering discipline

The college has been actively engaged in international academic exchange and technological cooperation and talent training with universities, research institutes and enterprises in the Europe, U.S., Oceania and Asia.



(school), food science and engineering discipline (department), refrigeration and cryogenic engineering discipline (department) and chemistry discipline (department); Refrigeration System and Equipment Quality Supervision and Testing Center under Ministry of Agriculture, National Freshwater Aquatic Product Processing Technology R&D Center (Shanghai), Shanghai Aquatic Product Processing and Storage Engineering Technology Research Center and Aquatic Product Storage Quality and Security Risk Assessment Lab under Ministry of Agriculture (Shanghai). Food science and engineering discipline was approved as Shanghai Municipal Key Discipline in 2005 while food quality and safety discipline was approved as phase 5 key discipline of Shanghai Municipal Education Commission in 2009; food science and engineering program was approved as national specialty program in 2008. Food science and engineering undergraduate program won international certification of IFT in December, 2015.



College of Marine Ecology and Environment

College of Marine Ecology and Environment, the youngest and most energetic college in SHOU, was established by the research and teaching faculties from the university's current ecology and environment disciplines early in 2017. The college is made up of ecology department and environment department with 2 undergraduate programs, namely "environmental science" and "environmental engineering" and 3 master degree programs on first-level disciplines, namely "marine science", "ecology" and "environmental science and engineering".

The college has established various national and ministerial-level platforms such as "National Engineering Lab of Oceanographic Engineering Equipment Testing Technology-Oceanographic Engineering Equipment Water Ballast Testing Lab", "Shanghai Yangshan Harbor Marine Ecosystem Observatory", "Shanghai Harbor and Inshore Eco-Technology Service Center" and "Shanghai University Engineering Research Center on Aquatic Ecological Environment" and multiple university-level platforms represented by "Marine Environmental Monitoring and Assessment Center". Meanwhile, SHOU and Polar Research Institute of China jointly built Polar Research Institute of China- SHOU Joint Lab.

College of Marine Ecology and Environment has a solid research foundation in green tide mechanism and its prevention and control, ballast water system, artificial marine habitat project, inshore ecological restoration, environmental toxicology and water pollution control and treatment. In the future, the college will adhere to the

principal of "concentration, differentiation, cooperation" and keep integrating "disciplines, majors, degree programs and the platform". The college will further develop marine ecology and environment disciplines as its specialty with a focus on aquatic environment and ecology, seaport ecology and bio-invasion, inshore environment and ecological restoration, marine ranching project, aquatic environmental toxicology, water pollution control and treatment and environmental monitoring. A specialized marine ecology and environment discipline system is planned to be initially established early in 2020 under the long-term goal of establishing marine ecology and environment discipline as an influential one among its peers at home and abroad in 2025.



College of Economics and Management

The origin of College of Economics and Management can be traced to Fishery Economy and Management School of Shanghai Fisheries College founded in 1984. In order to meet the requirements on talent training and disciplinary building emerging along with social and economic development, School of Fishery Economy and Management has gradually added other economic and management programs to the existing ones and was renamed as College of Economics and Trade in 1997. In October, 2006, it was renamed as College of Economics and Management.

College of Economics and Management has established a complete education system that covers undergraduate and doctoral degree programs. The college offers 5 post-graduate and doctoral degree programs, including 1 doctoral degree program on second-level discipline of fishery economy management, 1 master degree program on first-level discipline of economics and management of agriculture and forestry, 1 master degree program on second-level discipline of industrial economy, 1

master degree program on second-level discipline of fishery economy management and 1 master degree program on agricultural extension (rural and regional development) along with 8 undergraduate degree programs (directions), namely economics and management of agriculture and forestry, international economics and trade, finance, accounting, marketing, logistics management, logistics management (food logistics management) and business administration (economics and management of food). Besides, the college has 3 disciplinary centers on economics and management of agriculture and forestry, applied economics and business administration and is engaged in daily operation and administration of China Fisheries Development Strategy Research Center, Research Center on Economics and Management of Food, Shanghai Municipal People's Government Social Survey & Research Center Shanghai Ocean University Branch, Marine Industry Development Strategy Research Center, China Cultivation Economics Research Center and Experimental Center of Economics and Management. The college has over 2500 undergraduates and 150-odd master degree and doctoral degree candidates in addition to overseas students taking part in exchange program every year.

College of Engineering Science and Technology

College of Engineering Science and Technology is a traditional specialized college officially founded on January 18, 2006, evolving from the fishery machinery program developed in 1956. The college has under it Department of Mechanical Engineering, Department of Electrical Engineering, Department of Industrial Engineering, Experimental Center, Dean's Office and Student Affairs Office. The college runs four undergraduate

programs, namely machine design & manufacture and their automation, industrial engineering, electrical engineering and automation and logistics engineering as well as master degree programs on first-level discipline of "mechanical engineering" and professional master degree programs on "mechanical engineering". With Institute of Ocean Engineering and Institute of Energy Saving in Fisheries, the college gradually focuses on equipment and technology of ocean engineering, exploitation and utilization of marine energy and marine IoT engineering and technology as three major disciplines. In terms of cooperation with overseas institutes, the college jointly runs 2+2 undergraduate program with Florida Institute of Technology and 3+2 postgraduate program with The University of Akron, in addition to student exchange programs and credit transfer scheme with Tokyo University of Marine Science and Technology and National Taiwan Ocean University.

College of Engineering Science and Technology has held a good variety of scientific and technological innovation event at student recreation center and



won bountiful prizes in all kinds of competitions and contests. The college has conducted university-industry cooperation with Shanghai Electric Lingang Heavy Equipment Base, SAIC Motor Passenger Vehicle Corporation, Sinotrans (Shanghai) Group Co., Ltd., Shanghai Speedlock Logistic Equipment Co., Ltd. and Ningbo Jessn Ocean Development Co., Ltd. The college is granted Fishery Vessel Design Certificate (Class C) by Ministry of Agriculture and owns AutoCad, SolidWorks, ADAMS and other modern design and system dynamic simulation software. It is certified as a training institute on CAD, UG, SolidWorks and numerical control and designated as a unit of Secretariat of Audit Committee of Expert on Diesel Engine Spectrum for Fishing Boats under Ship Inspection Bureau of Ministry of Agriculture.

College of Information Technology

College of Information Technology, formally known as Department of Computer Science of Shanghai Fisheries University, was founded in 1996. Grounded on the concept “Innovation, Collaboration and Openness”, the college takes advantage of its leading position in ocean-related disciplines and focus on core theories and technology on computer science applicable to marine practices, thereby developing such characteristic disciplines as digital ocean, fisheries digitalization, marine navigation and remote sensing, ecological model and bio-information.

The college has developed a full-fledged education system with characteristic disciplines and remarkable research results. It offers 2 master degree programs on first-level disciplines of computer science and technology and software engineering, 1 master degree program on computer engineering and 1 master degree program on agricultural extension (agricultural digitalization) in addition to 4 undergraduate programs, namely

computer science and technology, software engineering, information and computer science and spatial information and digital technology.

The college runs in sound conditions, equipped with a complete set of teaching and experimental instruments and high quality teaching forces. It has partnered with Georgia Southwestern State University and Edinburgh Napier University on international education programs. Recent years have witnessed the college hosting and joining a dozen of national programs, including National 863 and 973 Program, National Key

Technology Support Project, National “Digital Ocean” Demonstration Area Construction Project and National Marine Industry Special Project. The college won Second Prize of Science and Technology Progress awarded by Shanghai Municipal Government, First Prize of Marine Science and Technology Progress awarded by Shanghai Municipal Government, First Prize and Second Prize of Science and Technology Progress awarded by Government of Pudong New Area and Chinese Patent Second Prize in 2016 and has published dozens of professional publications represented by *Marine Big Data* and *Application of Marine Information and Technology*. Several provincial and ministerial-level platforms have been established in the college, such as Institute of Digital Oceanography jointly established with East China Sea Branch of S.O.A, Key Laboratory on Fisheries Information of Ministry of Agriculture, Shanghai Digital Agricultural Engineering and Technology Research Center and Shanghai Agricultural Internet of Things Technology Research Center.



College of Marine Culture and Law

College of Marine Culture and Law was founded in 2017 as a result of SHOU’s efforts in college setup optimization and adjustment in order to meet the requirements of disciplinary transformation and in-depth transformation of university structure in the course of deepening educational reform in a comprehensive way. Its origin can be traced to College of Humanities and College of Marine Science.

The college constitutes Department of Public Administration, Department of Social Work, Department of Marine Law, Department of Literature and Arts Teaching and MPA Education Center; its undergraduate programs contain public administration, social work, marine science (marine management) while its postgraduate programs contain three master degree programs - protection and governance of fishery environment, fishery resources and public administration (MPA) and two doctoral degree programs – protection and governance of fishery environment and fishery resources; the college has also built such research platforms as Public Administration Research Institute, Research Institute of Marine Policies and Laws and Research Center of Marine Culture.

The college offers multiple key courses and high quality courses including two high quality courses and three key courses selected by Shanghai Municipal Government, one high quality course, sixteen key courses selected by SHOU, five university-level high quality comprehensive educational optional courses and seven bilingual courses; compiled and published *Public Affairs Administration*, *Contemporary Chinese Political System*, *A Course in Modern Etiquette*, *Fishery Laws and Administration*, *Fundamentals of Fishery Laws*, *Fishery Administrative Law Enforcement* and *Administration of Overseas and Peripheral Fisheries*, of which *A Course in Modern Etiquette* and *Fishery Laws and Administration* have been selected as “Excellent Teaching Materials for Higher Education in Agriculture and Forestry”. Teachers has actively taken part in the first national micro-lecturing competition held among faculties in universities and colleges and won second prize at the municipal level; the recent five years have seen approval of over twenty university-level educational reform programs and publication of over 100 papers on teaching, quite of few of which have won awards at Shanghai Language Work Development Forum.



College of Foreign Languages

College of Foreign Languages, founded in January 2006 provides English, Japanese and Korean language programs, a master degree program on translation and interpreting and multiple research and academic institutions such as Institute of Foreign Languages, Translation Research Center, Foreign Literature and Culture Research Center, Research Center on Chinese Cultural Image across the Border and MTI Education Center.

The College has maintained a close relationship with prestigious universities in the U.S., the U.K., France, Japan and Korea in extensive areas, such as academic exchange, exchange of teachers and students and international exchange and cooperation programs with Kochi University, Hokkaido University, Mie University, Kyushu Kyoritsu University, Kyushu Women's University, Kwassui Women's College, Sangmyung University, Sookmyung Women's University, Hallym University, Woosuk University, Ecole Supérieure de Commerce de Rennes, University of Florida, University of Manchester, University of California, Berkeley, California State University, Fresno, Michigan State University, Dallas Baptist University and University of Ottawa.

The college is equipped with plenty of digital language labs, simultaneous interpreting teaching and training rooms and computer-aided translation and interpreting labs which are integrated with advanced digital language learning system, sufficient online foreign language resources and overseas satellite receivers. Besides, there are also independent English, Japanese and Korean training rooms which simulate the living environment of the U.S., the U.K., Japan and Korea where students may have a deeper understanding of foreign languages and cultures through practices.

Our graduates all have laid a solid foundation for language learning with strong application capabilities and high comprehensive qualities. We have seen the excellent performance of students from different programs in all kinds of language competence tests and competitions at national and regional levels in recent years. Our TEM-4 and TEM-8 passing rates are high above the national average.

AIEN Institute

AIEN Institute was established in 2002 as a secondary college of SHOU. The institute has been certified by Shanghai Municipal Education Commission and Ministry of Education to offer two international undergraduate education programs, i.e. "information management and information system" and "marketing" programs jointly offered by SHOU and University of Tasmania, both of which recruit students through national college entrance examination. Till September, 2016, the programs have been in operation for 15 years. Its graduates totaled more than 3900 while undergraduates totaled over 1400.

The college offers training through "4+0" model where students who have completed undergraduate study and passed the tests will be granted double certificates, including a graduation certificate and degree certificate awarded by SHOU and a undergraduate degree certificate awarded by University of Tasmania, thereby enabling students to receive overseas education without going abroad.

The college has introduced the original program from University of Tasmania. Our teachers are competent ones recruited from around the world. We have introduced the English teaching and performance assessment system from Australia and grouped students into small classes. Over 70% of courses are taught in English; we have strictly abided by the international standard in terms of the administration philosophy, training objectives, faculties, teaching programs and syllabi, teaching content, modules and methods and educational administration that all focus on improving teaching quality.

Thanks to the combination of eastern and western cultures and the application of cutting-edge knowledge to practice, graduates of the college all have international vision, sense of innovation and team spirit and can quickly adapt themselves to competition and development in different cultures.



The two programs have passed the assessments of Ministry of Education, Shanghai Municipal Education Commission and TEQSA for several times and were granted the certificate of international education programs issued by Shanghai Educational Evaluation Association in November, 2016 as a third-party guarantee for its education quality.



College of Marxism

The origin of College of Marxism can be traced to Political Teaching and Research Panel of Shanghai Fisheries Vocational College, which was divided into Marxism-Lennism Teaching and Research Office and Moral Education Teaching and Research Office in March, 1984, the latter one was then merged into Student Affairs Office two years later and the former one was restructured into Department of Social Sciences in October, 1988. In October, 1997, Department of Social Sciences and Moral Education Teaching and Research Office were merged into College of Humanities and Basic Science. In December, 2008, Department of Social Sciences was established as an independent unit and College of Marxism were established in April, 2016.

College of Marxism undertakes the education of ideological and political theory and the construction of Marxism theory discipline for all the undergraduates and postgraduates in the university. The college has under it “Teaching Department of Outlines”, “Teaching Department of Fundamentals” and “Research Institute of Ideological and Political Theory Education”, which is made up of five sub-research institutes, namely “Teaching and Research Office of Situations and Policies”, “Teaching and Research Office of Mental Health Education”, “Teaching and Research Office of Career Development and Job-Seeking Advice”, “Teaching and Research Office of Entrepreneurship” and “Teaching and Research Office of Military Theories”. There are 110-odd full-time ideological and political theory course teachers and full-time ideological and political education teachers, 31 of whom are of senior titles and 15 have doctoral degrees.

Department of Physical Education and Sport

Sports Department was formally known as Teaching and Research Department, which changed its name into Department of Physical Education in 2003 and established itself as an independent unit in 2017. The department is responsible for physical education of all the students, training and contests of sports teams, hosting campus sport events, construction of physical education discipline and program, student fitness tests and sports technology service to internal and external parties.

The department has Teaching Operation Center, Fitness and Information Center, Group Activity Center, Training and Contest Center and Institute of Marine Sports. Among the 25 qualified teachers, there are 1 professor, 8 associate professors, 1 international referee, 2 national referees and 12 national first-level referees. Over 20 programs, including large ball sports, small ball sports, water sports, martial arts, rhythmic gymnastics, fitness and extended types of sports as well as health and fitness are provided for fresh students and sophomores to choose from. Besides, there are also optional courses that are designed for all the students to improve their comprehensive qualities such as sports appreciation, football refereeing methods, self-protection and rescue for marine sports.

Department of Physical Education has organized 38 sports societies, one high-level track-and-field athletic team approved by Ministry of Education and such sports teams as boat racing team, dragon boat team, swimming team, aerobatics team, basketball team, football team, table tennis team, baseball team and rock climbing team, which have delivered outstanding performance in various competitions at home and abroad.



In recent years, teachers from the department have secured 1 national projects, 18 scientific research projects on physical education granted by provincial and ministerial and municipal education commission and 30-odd university-level projects. Besides, 120 papers have been published, over 50 people have participated in national and provincial level thesis seminar, 8 teaching materials and publications have come out and “campus orienteering” and “sports appreciation” as two high quality programs been completed.

9. Programs

Colleges	Undergraduate programs	Bachelor's Degree	Disciplines	Comments
College of Fisheries and Life Science	Biotechnology	BS	Science-biological science	
	Biological Science		Science-biological science	National specialty; key program in Undergraduate Educational Highland Project launched by Shanghai Municipal Education Commission
	Biological Science(Marine Biology)		Science-biological science	
	Aquarium Science and Technology	Agronomy	Agronomy-fisheries	Key program in Undergraduate Educational Highland Project launched by Shanghai Municipal Education Commission; pilot project of outstanding talents in agriculture and forestry education and training plan
	Aquatic Animal Medicine		Agronomy-fisheries	
	Aquaculture		Agronomy-fisheries	National specialty; key program in Undergraduate Educational Highland Project launched by Shanghai Municipal Education Commission; pilot project of outstanding talents in agriculture and forestry education and training plan
College of Marine Sciences	Marine Fishery Science and Technology	Agronomy	Agronomy-fisheries	National specialty; key program in Undergraduate Educational Highland Project launched by Shanghai Municipal Education Commission; pilot project of outstanding talents in agriculture and forestry education and training plan; pilot application-oriented undergraduate programs of Shanghai Municipal Education Commission"
	Marine Technology	Science	Science-marine science	Key program in Undergraduate Educational Highland Project launched by Shanghai Municipal Education Commission;
	Marine Sciences		Science-marine science	
	Marine Resources and Environment		Science-marine science	

College of Food Science and Technology	Food Science and Engineering	Engineering	Engineering-food science and engineering	National specialty; key program in Undergraduate Educational Highland Project launched by Shanghai Municipal Education Commission
	Food Quality and Safety		Engineering-food science and engineering	
	Energy and Power Engineering		Engineering-energy and power	
	Building Environment and Energy Engineering		Engineering-civil engineering	
	Packaging Engineering		Engineering- light industry	
	Biopharmaceuticals	Engineering	Engineering-bioengineering	
College of Marine Ecology and Environment	Environmental Science	Science	Engineering-environmental science and technology	Key program in Undergraduate Educational Highland Project launched by Shanghai Municipal Education Commission
	Landscape Architecture	Agronomy	Agronomy-forestry	
	Environmental Engineering	Engineering	Engineering-environmental science and technology	
College of Economics and Management	Finance and Banking	Economics	Economics-finance	
	International Economics & Trade		Economics-economics and trade	
	Logistics Management	Management	Management-logistics management and engineering	Key program in Undergraduate Educational Highland Project launched by Shanghai Municipal Education Commission
	Marketing		Management-business administration	
	Accounting		Management-business administration	
	Economics and Management of Agriculture and Forestry		Management-economics and management of agriculture	National specialty; pilot project of outstanding talents in agriculture and forestry education and training plan
	Business Administration (Economics and Management of Food)		Management-business administration	Key program in Undergraduate Educational Highland Project launched by Shanghai Municipal Education Commission

Colleges	Undergraduate programs	Bachelor's Degree	Disciplines	Comments
College of Engineering Science and Technology	Machine Design & Manufacture and Their Automation	Engineering	Engineering-mechanical engineering	
	Electrical Engineering and Automation		Engineering-electrical engineering	
	Logistics Engineering	Management	Logistics management and engineering	Key program in Undergraduate Educational Highland Project launched by Shanghai Municipal Education Commission
	Industrial Engineering		Management-industrial engineering	
College of Information Technology	Information and Computing Science	Science	Science-mathematics	
	Computer Science and Technology	Engineering	Engineering-computer science	
	Spatial Information and Digital Technology		Engineering-computer science	
	Information Management & Information Systems	Management	Management-management science and engineering	Key program in Undergraduate Educational Highland Project launched by Shanghai Municipal Education Commission
	Software Engineering	Engineering	Engineering-computer science	
College of Marine Culture and Law	Public Administration	Management	Management-public administration	
	Social Work	Law	Law-sociology	
	Marine Science) (Marine management)	Science	Science-marine science	
College of Foreign Languages	English	Arts	Arts-foreign languages and literatures	
	Japanese		Arts-foreign languages and literatures	
	Korean	Arts-foreign languages and literatures		
AIEN Institute	Information Management & Information Systems	Management	Management-management science and engineering	
	Marketing		Management and public administration	



10. Library

The origin of SHOU Library can be traced to “Wusong Fisheries College Library” founded in 1912. In 1952, Shanghai Fisheries College Library was founded, which was renamed as Shanghai Fisheries University Library in 1985 and Shanghai Ocean University Library officially on May 6, 2008. After years of collection building, it has become one of the libraries with the oldest collections that cover the most comprehensive disciplines and has been regarded as a critical information center for scientific literatures on fishery.

The library is located in the information center, which is the tallest landmark at the center of the campus. It not only benefits the whole university by its collections, but also satisfies aesthetic

Items	Quantity
Paper books in Chinese	1337083
Paper books in foreign languages	67502
E-books in Chinese	905241
E-books in foreign languages	84472
Paper bound volume journal in Chinese	19266
Paper bound volume journal in foreign languages	44649
E-journals in Chinese	17974
E-journals in foreign languages	50659
Database	43

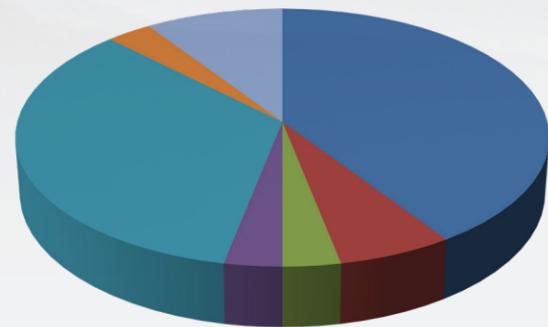
purpose with its “simple, harmonious, elegant and delicate” architecture style typical in the southern reach of Yangtze River and cultivates a scholarly atmosphere. The library spans F1 to F6 of the information center with a building area of over 20,000m²; the borrowing and reading area covers 8,000m².

With the university’s expansion, the library also extends collections of other disciplines in addition to those on fishery science. The library now owns over 1,400,000 paper books; over 40 databases in Chinese and foreign languages, which can be freely accessed by readers with campus Wi-Fi. The library offers training on document retrieval and information literacy; sci-tech novelty retrieval service; inter-library borrowing and document delivery service, etc.; meanwhile it has attached great importance to campus culture building by regularly holding high-quality Haiyun Lectures, Haiyun Exhibitions, Haiyun Audio Visual Material Exhibition and Broadcast and Haiyun Reading Guidance Sessions.

11. Key disciplines

National key disciplines (second-level)		Aquaculture		
Provincial and ministerial-level key disciplines (first-level): peak and plateau disciplines for shanghai institutes of higher education		Fisheries	Marine Science	Food Science and Engineering
Provincial and ministerial-level key disciplines (second-level)	Key disciplines of Ministry of Agriculture	Aquaculture	Fishing Science	Aquatic product processing and storage project
	Shanghai municipal key disciplines (Phase III)	Fishing Science	Hydrobiology	
	Key disciplines of Shanghai Municipal Education Commission (Phase V)	Marine biology	Marine environment engineering	Economics and management of food
		Food quality and safety		

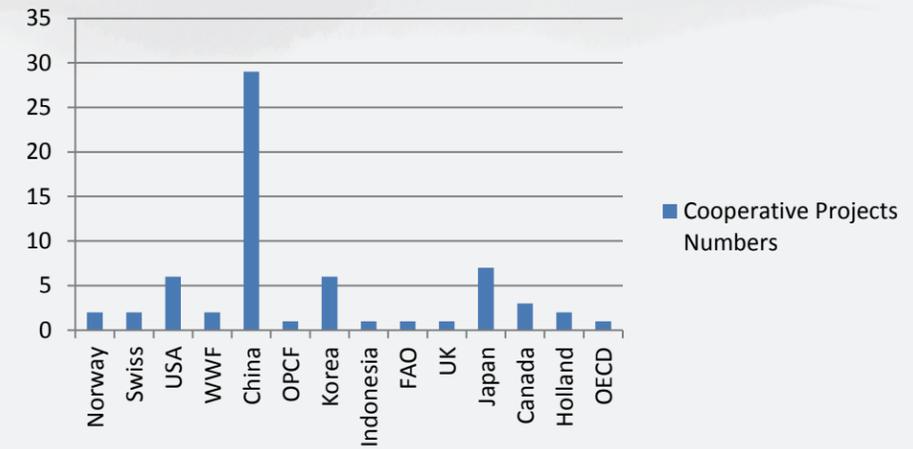
12. Key Laboratories/Platforms



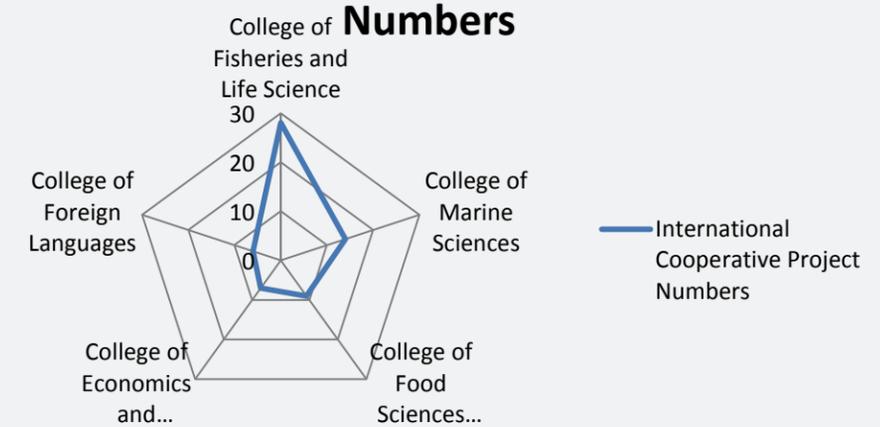
- Ministry of Agriculture
- Ministry of Education
- Ministry of Science and Technology
- National Development and Reform Commission (NDRC)
- Shanghai Municipal Education Commission (SMEC)
- Shanghai Municipal Oceanic Administration
- Shanghai Municipal People's Government

13. International Cooperative Projects

Cooperative Projects Numbers



International Cooperative Project Numbers



14. Partner Universities

Country (region)	Partner	Agreement	Execution Date
Ireland	Galway-Mayo Institute of Technology	Memorandum of Understanding (MOU)	2009/5/5
Egypt	Suez Canal University	MOU	2006/3/25
Australia	University of Tasmania	Cooperation Agreement	2002/5/7
		Educational Cooperation Agreement	2004/10/1
	Australia Maritime College	MOU	2002/5/7
	James Cook University	MOU	2007/9/5
		Joint Degree Program on Aquaculture Science and Technology with straight entrance into postgraduate program	2016/11/21
		International Antarctic Institute	MOU
	Swinburne University of Technology	Agreement for Academic Cooperation	2013/8/7
	Monash University English Language Centre	General Agreement	2013/8/6
	University of South Australia	Cooperation Agreement	2013/8/9
Belgium	Ghent University	MOU	2009/10/20
		Cooperation Agreement	2009/10/20
Russia	Far Eastern State Technical Fisheries University	Letter of Intent	2004/7/26
		Cooperation Agreement	2004/9/29
		Addendum to Cooperation Agreement	2005/3/13
France	Ecole Supérieure de Commerce de Rennes	General Agreement on Academic Exchange	2012/3/29
		3/5+1.5 Program Agreement	2012/3/29
French Polynesia	Polynesian Government, Jingmin Company	MOU on student selection	2013/5/28
Korea	Korea Maritime Institute	Academic Exchange Agreement	2006/11/15
	National Federation of Fisheries Cooperatives of Korea	Joint Research Agreement	2006/10/25
	Pukyong National University	Letter of Intent on Academic Exchange	2002/1/22
		Student Exchange Agreement	2015/6/17
	Cheju National University	Academic Cooperation Agreement	1996/8/15
	Yosu National University	Memorandum of Student Exchange Agreement	2002/5/28
		Academic Exchange Agreement	1994/5/23
		Memorandum of Student Exchange Agreement	2004/10/12
	Sangmyung University	Cooperation Agreement	2009/10/13
		Joint Degree Program Agreement	2010/12/3
		Ancillary Agreement on Professor and Student Exchange	2012/2/8
		Ancillary Agreement on Joint Degree Program	2016/11/16

Country (region)	Partner	Agreement	Execution Date
	Sookmyung Women's University	Cooperation and Exchange Agreement	2010/1/20
		Student Exchange Cooperation Program Agreement	2010/1/20
	Woosuk University	Exchange Agreement	2012/4/1
		Student Exchange Program Implementation Rules	2012/6/1
		Student Exchange and Cooperation Agreement	2013/1/28
	Hallym University	Student Exchange Program Agreement	2013/1/28
		Undergraduate Joint Degree Program Agreement	2013/1/28
		Cooperation Agreement	2016/6/9
	Inha University	Student Exchange Program Agreement	2016/6/9
		Korea Maritime and Ocean University	MOU
Netherland	HZ University of Applied Sciences	Framework Agreement	2013/3/21
Ghana	Regional Maritime University Accra	MOU	2016/12/6
Cook Islands	Ministry of Tourism, Ministry of Education, Pearl Management Bureau and Ministry of Marine Resources	Tripartite Strategic Cooperation Agreement on Marine Resources made with Shenzhen South China Fisheries Co., Ltd.	2012/9/13
		MOU	2012/9/13
U.S.A	Georgia Southwestern State University	Cooperation Agreement	2005/4/25
		Computer Science Master Degree Program Cooperation Agreement	2005/9/20
		MBA Program Agreement	2006/5/16
	Auburn University	Academic Exchange Program Agreement	2006/12/8
		Postgraduate Joint Degree Program Agreement	2009/11/4
	Texas A&M International University	MOU	2007/1/25
	Florida Institute of Technology	Cooperation Agreement	2007/10/4
	Woods Hole Oceanographic Institution	MOU	2011/5/6
	Seton Hall University and China Cast Education Corporation	Student Exchange Program Agreement	2010/6/28
		1+2 Postgraduate Joint Degree Program Agreement	2011/5/9
		2+2 Student Joint Training Program Agreement	2011/3/1
	Alliant International University	MOU	2012/3/14
	Michigan State University	MOU	2012/11/3

Country (region)	Partner	Agreement	Execution Date
U.S.A	Dallas Baptist University	Educational Cooperation Agreement	2012/6/13
		2+2 Undergraduate Credit Transfer Agreement	2013/11/24
	California State University Fresno	Letter of Intent on Educational Cooperation	2012/10/31
	University of Guam	Cooperation Agreement	2013/2/8
	University of Maine	MOU	2013/3/5
	Texas A&M University, Corpus Christi	Student Joint Training Plan	2013/5/3
	University of California, Berkley	Cooperation Agreement	2013/12/24
	University of Wisconsin-Stout	MOU	2014/4/24
	Washington State University	International MOU	2014/5/14
	Lake Superior State University	Cooperation Agreement	2015/9/6
		Student Exchange Program Agreement	2015/9/16
	Peralta Community College District	Framework Agreement	2016/6/21
	University of California, Riverside	Cooperation Agreement on International Education Program	2017/2/15
	Missouri State University	MOU	2016/10/28
		MOU on Postgraduate Programs	2016/10/28
University of Akron		Cooperation Agreement	2016/4/6
	International MOU	2016/4/6	
Micronesia	College Of Micronesia	MOU	2012/7/5
Norway	Norwegian University of Science and Technology	MOU	2010/5/27
Portugal	Universidade do Algarve	Framework Agreement	2013/5/29
		Postgraduate Joint Degree Program Agreement	2015/3/12
		Postgraduate Joint Degree Program Agreement	2016/3/2
		Agreement on Marine Science Joint Research Center	2017/3/3
Japan	Hokkaido University	Student Exchange Program Agreement	2005/7/11
		Memorandum of Exchange Student Agreement	2005/1/1
	Tohoku University	Academic Exchange Cooperation Agreement	2002/10/31
		Student Exchange Program Implementation Rules	2002/10/31
	Kyoto University	Student Exchange Program Agreement	2006/3/20
	Tokyo University of Marine Science and Technology	Student Exchange Program Agreement	2004/7/16
		Memorandum of Exchange Student Agreement	2004/7/16
		Memorandum of JCK Program	2011/6/27
		Agreement on Sharing of Postgraduate Dissertation in Joint Training Program	2015/4/27

Country (region)	Partner	Agreement	Execution Date
Japan	Mie University	Student Exchange Program Agreement	1995/10/6
		Memorandum of Student Exchange Agreement	1996/10/24
	Kyushu Women's University	Exchange Program Agreement	2004/11/8
	Kyushu Kyoritsu University	Amicable Exchange Program Agreement	2005/11/21
		Memorandum of Overseas Student Acceptance	2013/4/1
	National Fisheries University (Shimonoseki)	Academic Cooperation and Exchange Program Agreement	2007/3/30
	Nagasaki University	Memorandum of Academic Exchange	2007/5/18
		Memorandum of Establishing Liason Offices at Both Sides	2012/5/18
	Kwassui Women's College	Educational and Academic Exchange Program Agreement	2009/7/8
		Memorandum of Student Exchange Program	2009/7/8
		Memorandum of Short-Term Exchange Program	2015/7/24
		Memorandum of Joint Project (Registration)	2015/7/24
		Memorandum of Short-Term Training Program	2015/7/24
	Tottori University	Cooperation Agreement	2010/3/11
		Memorandum of Student Exchange	2010/3/11
	J.E. Oberlin University	Academic Exchange Program Agreement	2010/7/27
		Memorandum of Entrance Examination for Chinese Candidates	2010/7/27
	Kewpie Corporation	Joint Research Agreement	2010/7/1
	Kagoshima University	Framework Agreement	2011/10/24
		Student Exchange Program Agreement	2011/10/24
Fukui Prefectural University	Agreement on Academic Exchange between Department of Biological Resources and College of Life Science	2015/11/16	
	Agreement on Academic Exchange between Department of Biological Resources and College of Food Science and Technology	2015/11/16	
Kochi University	Student Exchange Program Agreement	2010/10/14	
	Memorandum of Student Exchange Program	2010/10/14	
Sweden	Linnaeus University	MOU	2013/11/11
Senegal	Cheikh Anta Diop University	MOU	2013/5/8

Country (region)	Partner	Agreement	Execution Date
Spain	Universitat Autònoma de Barcelona	Cooperation Agreement	2012/5/11
	Universidad Las Palmas	Framework Agreement	2013/5/6
		Technological Cooperation Agreement	2013/5/6
	Universidad de Extremadura	EU Project Cooperation Agreement	2015/12/17
Thailand	Asian Institute of Technology	MOU	2011/8/1
	Burapha University	MOU	2012/11/2
UK	Keele University	MOU	2011/2/28
	Edinburgh Napier University	MOU	2012/5/8
		Curriculum Transition Agreement	2016/6/30
	Bangor University	MOU	2012/10/23
Vietnam	Nong Lam University	MOU	2011/4/21
		Framework Agreement	2014/4/21

International Organizations	OECD Press	Cooperation Agreement	2013/1/11
	IAESTE	Cooperation Framework Agreement	2013/1/7
	Food and Agriculture Organization of the United Nations	FAO BLOBEFISH Agreement	2016/4/29

Macau	Macau University of Science and Technology	Educational and Academic Exchange and Cooperation Agreement	2013/10/22
Taiwan	Taiwan Ocean University	Memorandum of Academic Exchange and Cooperation	2009/3/1
		Memorandum of Short-Term Student Exchange Program	2010/7/30
	Ilan University	Student Exchange and Cooperation Agreement	2008/9/23
		Exchange Program Agreement	2012/10/10
	Taipei College of Maritime Technology	Exchange and Cooperation Agreement	2012/11/2
	Miaoli Country, Taiwan	Cooperative Agreement on Eriocheir Sinensis Cultivation	2011/10/15
	Miaoli County, Taiwan Ocean University	Cooperative Agreement on Eriocheir Sinensis Cultivation and Acipenser Sinensis Cultivation	2012/11/4
	Penghu University	Cooperative Agreement on Teaching and Research Exchange	2013/7/19
		Student Exchange Program Agreement	2013/11/4
	Kaohsiung Marine University	Student Exchange Program Agreement	2014/1/8
Da-Yeh University	Academic Cooperation Agreement	2015/6/30	

*Data as of December 31, 2016.



15. Outbound Exchange Programs

In 2016, SHOU has welcomed 578 foreign guests in 135 batches, including 49 batches of visiting delegations, 22 batches of academic exchange and cooperation delegations, 41 academic forum and teaching delegations, 7 batches of academic conference attendees and 16 batches of guests for other purposes. These exchange events have created sound opportunities for the university to introduce advanced educational resources and laid a solid foundation for new cooperation.

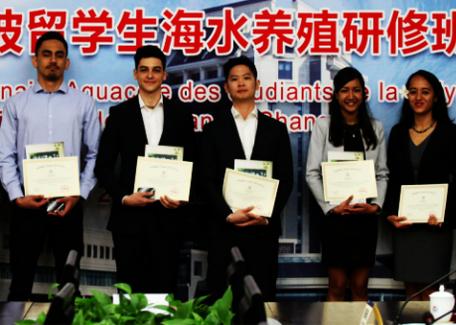
In 2016, a total of 136 batches (220 people) went abroad, including 3 batches (12 people) on visits, 74 batches (126 people) for international conferences, 19 batches (19 people) for further studies and training and 40 batches (63 people) for other purposes (including communication and scientific research cooperation).

In 2016, a total of 195 students were dispatched to overseas colleges, 95 of whom were on undergraduate and postgraduate degree programs and 99 for non-degree programs. SHOU has conducted 23 programs such as overseas social practice and internship and dispatched 328 undergraduates and postgraduates to universities and renowned enterprises for summer programs and interns. Besides, 41 people went abroad for international conferences, academic exchange and marine investigation. A total of 564 students went abroad in 2016.

2016 Degree Programs

In 2016, a total of 102 people in 13 groups went to Taiwan to attend conferences and conduct academic communication, 72 of whom were on study tours or for seminars. 1 undergraduate from Taiwan Ocean University and 7 from Penghu University were admitted for one-semester study.

S/N	Program Title	Number of Participants
1	Degree Program offered by Tokyo University of Marine Science and Technology, JAPAN	4
2	Degree Program offered by Kyushu Kyoritsu University, JAPAN	14
3	Undergraduate Degree Program offered by Sookmyung Women's University (Korean), JA	9
4	Degree program offered by Hallym University (Korean), JA	1
5	Degree program offered by Seton Hall University, JA	2
6	Degree program offered by University of Tasmania, AU	65
7	Degree program offered by Keele University, UK	1



2016 Training Programs

S/N	Program Title	Number of Participants
1	Training program offered by Nagasaki University	5
2	Training program offered by Tohoku University	2
3	Training program offered by Tohoku University (Japanese)	3
4	Training program offered by Tokyo University of Marine Science and Technology	5
5	Training program offered by Kagoshima University	2
6	Training program offered by Hokkaido University (Japanese)	4
7	Training program offered by Hokkaido University	5
8	Training program offered by Kochi University (Japanese)	2
9	Training program offered by Kochi University	1
10	Training program offered by Kwassui Women's University	1
11	Training program offered by Mie University (Japanese)	1
12	Training program offered by Mie University	5
13	Training program offered by Hallym University (Korean)	3
14	Training program offered by Sangmyung University (Korean)	6

S/N	Program Title	Number of Participants
15	Training program offered by Ecole Supérieure de Commerce de Rennes	18
16	Training program offered by University of Applied Sciences, Weihenstephan	1
17	Training program offered by Universidade do Algarve	1
18	Training program offered by Linnaeus University	1
19	Training program offered by Universidad de Extremadura	2
20	Training program offered by HZ University of Applied Sciences	5
21	Training program offered by Edinburgh Napier University	1
22	Training program offered by Taiwan Ocean University	5
23	Training program offered by Kaohsiung Marine University	12
24	Training program offered by Da-Yeh University	8
Total		195

2016 Summer Programs

S/N	College	Partner University	Number of Participants
1	AIEN	Summer Program offered by University of Tasmania	11
2	Engineering Science and Technology	Summer Program offered by University of Maryland	14
3	Marine Science	Russian "Pallada" Sailing Intern Program	28
4	Economics	Summer Program offered by Curtin University	12
5	and	Summer Program offered by Michigan State University	7
6	Management	US High-End Economic Management Program	14
7	Humanities	Short-Term Program offered by Hong Kong Polytechnic University	28
8		Summer Program offered by University of Manchester	15
9	Fisheries and Life Science	Marine Summer Camp for Mainland Students held by Taiwan National Ocean University	20
10		Summer Intern offered by Asian Institute of Technology (AIT)	25
11		Summer Program offered by Linnaeus University	3
12		Summer Intern offered by Universidade do Algarve	25
13		Summer Program offered by Université Libre de Bruxelles	8
14		Summer Program offered by Auburn University	12
15		Summer Program offered by California State Polytechnic University, Pomona	15
16	Food Science and Technology	Summer Program offered by Inha University	12
17		Summer Program offered by University of Georgia	17
18		International Innovative Aquatic Product Processing and Storage Talent Training Program - Japan	11
19		Training Program of International Innovative Talent Specialized in Food Science and Technology - Japan	14
20	Foreign Languages	Study Tour around Tokyo and Shizuoka	10
21		Summer Program offered by University of Manchester	16
22	Information Technology	Summer Program offered by Edinburgh Napier University	4
23		Summer Camp on Information Management held by California State University, San Bernardino	7
		Total	328



Before going abroad, I used to think foreign countries were better than our country, but things didn't turn out to be that way. Instead, I was surprised at our fast development due to the reform and opening up policy after comparing with Manchester in UK. It took us over 30 years to achieve something that other countries would otherwise spend hundreds of years. We are catching up to the U.K. in terms of urban construction. I'm quite confident of our country's development through this study tour! Meanwhile, I also learned quite a lot by communicating with students from around the world. I will keep my study tour in mind and hold it as a piece of unforgettable memory! (Lu Jiadong from College of Foreign Languages).

I felt that I quickly grew up when I independently made trip itineraries, led the team, had in-depth conversation with supervisors and fellow students from University of Georgia. I also felt that China's position in the world kept climbing up. I found that the saying "You must listen to Chinese students' opinions." quite made sense. I kept exploring the world as well as myself is not only to seek a better world but also to let the world see a better person.

Do remember to tour around the world and do not forget to let the world see you, too. (Xie Yuanyuan from College of Food Science and Technology)



16. "CAMPUS Asia" Program

"CAMPUS Asia", short for "Collective Action of Mobility Program of University Students", co-sponsored by governments of China, Japan and Korea, aims to enhance trilateral cooperation and mutual understanding among students from the three countries with the purpose of strengthening the competitiveness of the university and making contributions to cultivating next-generation talents of Asia.

Given that SHOU has been engaged in student exchange program with Tokyo University of Marine Science and Technology and the two universities has taken turns to hold joint academic seminars for 10 years continuously since 2005 and SHOU has actively engaged itself in "JCK Program", a program designed to train highly specialized talents in marine environment • energy fields proposed by Tokyo University of Marine Science and Technology since 2010 and made practical achievements and reaped abundant experience, SHOU, together with Tokyo University of Marine Science and Technology and Korea Maritime and Ocean University jointly applied for "CAMPUS Asia" program in May, 2016 after rounds of coordination and discussions. The program is based on Japan-China- Korea common education scheme on marine science and technology, a scheme proposed and designed by Tokyo University of Marine Science and Technology. In October, 2016, the program was officially added to "CAMPUS Asia" in the implementation phase as the only industry-university cooperative program in the nine newly-added programs.

The first CAMPUS Asia Summer School was held in SHOU from Jul 14-26, 2017, themed as "Use of the oceans and marine resources for sustainable development". Experts and professors from China and Japan were invited to give sixteen lectures on special topics, aiming to build a high-level communication platform. Students were guided to tour around specialized labs, research labs and workshops outside the campus to be more familiar with the research facilities and atmosphere of SHOU. Chinese language and culture courses were incorporated in the program to encourage Japanese and Korean peers to experience Chinese traditional culture.



17. Erasmus + Program

Erasmus (European Region Action Scheme for the Mobility of University Students), a program established in 1987 is designed to develop, train and cultivate young scholars across the globe. Its guiding philosophy is strengthening ties between colleges and universities; offering exchange opportunities for students where they can benefit from the experience and improve their research capabilities; broadening students' scope of knowledge and improving their individual capabilities and learning skills so that they can be better prepared for their jobs in the future.



SHOU signed up in Erasmus+ Program in 2015 by cooperating with Universidad de Extremadura. The first two students who have joined the program have already finished the program in Universidad de Extremadura along with an administrative personnel; SHOU signed up in Portugal Erasmus+ Program in 2016. Two professors, two administrative personnels and two undergraduates were dispatched to Portugal to study as part of the Erasmus+ Program while two professors from Universidade do Algarve and University of Porto came to SHOU on exchange visits.



18. International students

College of International Cultural Exchanges, founded in 2005, is responsible for education and management of overseas students with main functions of Chinese language teaching, international student enrollment and daily administration.

Given that SHOU offers a wide range of disciplines with distinctive features, including leading specialties like fisheries, marine science, food science and engineering, economics and management of fisheries, the college has established a complete international student training system that covers Chinese language training, training for general and advanced visiting student and undergraduate, master and doctoral degree programs. Now there are over 200 international students from 31 countries and regions.

The college has maintained a long-term relationship with multiple overseas universities, actively engaged in student exchange, credit transfer, joint training, study tours for international students, language and professional training, summer school, overseas credit programs and other international cooperation and exchange programs; thus has effectively facilitated SHOU's international education level and international student education.

19. Student Enrollment

SHOU undergraduates in 2016

Colleges	Majors	2012	2013	2014	2015	2016	Total	Total
College of Fisheries and Life Science	Environmental Sciences	1	35	38	33		107	1173
	Environment Sciences (top-up)		1	3			4	
	Biotechnology		37	37	30		104	
	Biological Science		38	36	32		106	
	Biological Science (marine life)		26	22	28		76	
	Biological Science (top-up)		5	4			9	
	Biological Sciences				1	145	146	
	Fisheries					201	201	
	Aquaculture		75	72	112		259	
	Aquatic Animal Medicine		25	32	28		85	
Aquarium Science and Technology		28	25	23		76		
College of Marine Sciences	Marine Management (top up)		4				4	962
	Marine Technology		27	76	57		160	
	Marine Technology (Charting)		25				25	
	Marine Science			76	64		140	
	Marine Science (Marine Management)		35				35	
	Marine Science (Marine Biological Resources)		40				40	
	Marine Science (Environmental Oceanography)		28				28	
	Marine Science (top up)			1			1	
	Marine Sciences					196	196	
	Marine Fishery Science and Technology		29	39	46	71	185	
College of Food Sciences and Technology	Environmental Engineering		44	42	62		148	1693
	Packaging Engineering		39	46	47		132	
	Building Environment and Energy Engineering		80	87	66		233	
	Building Environment and Equipment Engineering		1				1	
	Energy and Power					131	131	
	Energy and Power Engineering		70	64	68		202	
	Energy and Power Engineering (top up)			1			1	
	Energy and Power Engineering		1				1	
	Energy and Power Engineering (top up)		11				11	
	Biotechnology (Marine Biopharmaceuticals)		59	67	68		194	
Biopharmaceuticals					70	70		



Colleges	Majors	2012	2013	2014	2015	2016	Total	Total	
College of Food Science and Technology	Food Science and Engineering		64	89	99		252	2483	
	Food Science and Engineering (Food Logistics Engineering)		31				31		
	Food Science and Engineering					217	217		
	Food Quality and Safety		61	58	68		187		
	Food Quality and Safety (top up)		30				30		
	Business Administration (Economics and Management of Food)		101	98	98	90	387		
College of Economics and Management	International Economics and Trade		87	96	101	97	381	2483	
	Accounting		114	119	117	100	450		
	Finance		103	97	113	94	407		
	Economics and Management of Agriculture and Forestry		48	44	41	41	174		
	Marketing		61	66	63	57	247		
	Logistics Management	1	69	110	87	99	366		
	Logistics Management (Food Logistics Management)		42				42		
	Logistics Management (top up)		24	5			29		
	Electrical Engineering and Automation	1	68	68	56	61	254		1250
	Industrial Engineering		61	65	57	65	248		
Machine Design & Manufacture and their Automation	2	138	121	128	128	517			
Machine Design & Manufacture and their Automation (top up)		1				1			
Logistics Engineering		53	53	59	65	230			
College of Information Technology	Computer Science and Technology		149	178	189	113	629	1282	
	Computer Science and Technology (top up)		8				8		
	Spatial Information and Digital Technology		92	75	77	69	313		
	Software Engineering					59	59		
	Information and Computing Science	1	86	58	58	70	273		

Colleges	Majors	2012	2013	2014	2015	2016	Total	Total
College of Marine Culture and Law	Public Administration		82	142	132	96	452	725
	Public Administration (Labor and Social Security)		70				70	
	Social Work		39	37	58	69	203	
College of Foreign Languages	Korean		36	37	32	60	165	908
	Japanese		109	110	107	98	424	
	English		66	66	63	94	289	
	English (top up)		30				30	
AIEN Institute	Marketing (International Business)		179	188	192	197	756	1485
	Information Management and Information Systems (Environment Information System)		174	182	172	201	729	
Higher Vocational College	Computer Application Technology	2					2	66
	Food and Drug Administration	2					2	
	Food Nutrition and Testing	2					2	
Total		16	3039	2930	2988	3054	12027	

SHOU Postgraduates in 2016

College	Major	Number of postgraduates			
		Sub-total	1 st year	2 nd year	3 rd year or above
Total		3067	942	847	1278
Female		1436	505	412	519
I Number of doctoral degree candidates		179	43	39	97
College of Fisheries and Life Science	Aquaculture	52	12	14	26
	Biology (Hydrobiology)	29	7	5	17
College of Marine Sciences	Fishery Resources	37	9	8	20
	Fishing Science	12	2	2	8
	Protection and Governance of Fishery Environment	1			1

College	Major	Number of postgraduates				
		Sub-total	1 st year	2 nd year	3 rd year or above	
College of Food Sciences and Technology	Food Science and Engineering	41	11	10	20	
College of Economics and Management	Economics and Management of Fisheries	7	2		5	
II Number of academic master degree candidates		1604	574	481	549	
College of Fisheries and Life Science	Aquaculture	327	133	85	109	
	Animal Nutrition and Feed Science	46		20	26	
	Veterinary Clinical Medicine	105	33	33	39	
	Animal Genetics, Breeding and Reproduction Science	52		23	29	
	Crops Genetics and Breeding Science	10	7	2	1	
	Biology	169	75	46	48	
	Marine Science (Marine Biology)	79	26	24	29	
	Environmental Science and Engineering	14	6	4	4	
	Ecology	20	8	7	5	
	College of Marine Sciences	Fishing Science	22	11	4	7
		Fishery Resources	83	36	25	22
Protection and Governance of Fishery Environment		2	1	1		
Marine Science		105	43	30	32	
College of Food Sciences and Technology	Environmental Science and Engineering (Environmental Science)	60	20	23	17	
	Refrigeration and Cryogenic Engineering	14	2	7	5	
	Applied Chemistry	16	7	3	6	
	Food Science and Engineering	278	98	78	102	
	Biology	30	11	8	11	

College	Major	Number of postgraduates			
		Sub-total	1 st year	2 nd year	3 rd year or above
College of Economics and Management	Industrial Economics	53	24	16	13
	Economics and Management of Fisheries	6	1	3	2
	Economics and Management of Agriculture and Forestry	16	1	7	8
College of Engineering Science and Technology	Mechanical Engineering (first-level discipline, including machine design and the theory)	42	13	14	15
College of Information Technology	Computer Science and Technology (first-level discipline)	34	7	14	13
	Software Engineering (first-level discipline)	7	7		
College of Marine Culture and Law	Protection and Governance of Fishery Environment	14	4	4	6
III Number of professional master degree candidates		600	237	226	137
College of Fisheries and Life Science	Master of Agriculture (Fisheries)	208	91	81	36
College of Marine Science	Master of Agriculture (Fisheries)	48	14	15	19
College of Food Science and Technology	Master of Engineering (Food Engineering)	136	45	55	36
	Master of Engineering (Power Engineering)	10	3	6	1

College	Major	Number of postgraduates			
		Sub-total	1 st year	2 nd year	3 rd year or above
College of Economics and Management	Master of Agriculture (Rural and Regional Development)	74	29	19	26
College of Engineering Science and Technology	Master of Engineering (Mechanical Engineering)	43	16	19	8
	Master of Engineering (Computer Technology)	57	24	22	11
College of Marine Culture and Law	Public Administration	24	15	9	
IV Incumbent professional master degree candidates		684	88	101	495
	Master of Engineering	88	8	19	61
	Master of Agriculture	596	80	82	434



20. Museums

Shanghai Ocean University Museum, based on the disciplines of ichthyology, aquatic biology and marine biology, demonstrates its unique disciplinary features. The museum is composed of whale museum and marine life technology museum and rated as a base for Shanghai aquatic biology education and a demo base for national fishery education. It was established on November 1, 1952 by Zhu Yuanding a first-grade professor, a renowned ichthyologist and the founder of China's ichthyology studies. So far, the museum collected 40,000 specimens of over 3400 breeds.

The whale museum is located on No. 318, Jungong Road, Yangpu District, featuring an exhibition area of 1,036 m². You will be surprised to find a contour specimen and a skeleton specimen of a 18.4-meter-long male sperm whale which could rarely be found in other museums in addition to a good variety of shell specimens and collections.



The marine life technology museum can be found on F7 in Information Center with an exhibition area of around 300 m² where 700 marine life specimens of 230 kinds are on display. The museum revolves around the theme of “harmonious co-existence of mankind and water” and uses specimens, environmental simulation technology and multimedia to introduce visitors to the amazing world of aquatic life from the upper reach to the lower reach of Yangtze River. There you can find acipenser sinensis or “patriotic fish”, *sousa chinensis* nicknamed “giant panda in the ocean” and diverse kinds of fish, coral and shell specimens.

In addition, the university also has University History Museum, Three History Museum, Campus Culture Exhibition Hall, Deep-Sea Fisheries Exhibition Hall and Hadal Science and Technology Mobile Lab Simulation Center, etc..



21. Sports Facilities

You can find both indoor and outdoor stadiums in SHOU with football, basketball, volleyball, tennis, badminton and table tennis courts and facilities as well as gyms, swimming pools, rock climbing and water sports training center.

Name	Location	Size (m ²)	Functions
Indoor Stadium	To the northeast of Gate 6	7963	Tennis, basketball, table tennis, fitness, dance, martial arts and physical education, etc.
Primary playground (including stands)	To the northwest of Gate 6	8391	Football, track and field, gyms, etc.
Primary outdoor tennis court, basketball court	To the north of the stadium	4662	Tennis and basketball teaching
Secondary playground	To the west of the second canteen	9372	Running, football, basketball and gymnastics, etc.
Swimming pool	To the south of the pathogen bank in Building E at College of Life Science	1933.4	Outdoor swimming
Secondary outdoor tennis court	In the middle of the first and second canteens	5776	Tennis
Stormproof playground	Close to Gate 4	5400	Badminton
Water sports training center	To the southwest of the university	3967	Punting, beach volleyball and climbing training



22. Campus Map



23. Traffic Routes

