Brief Introductions of Colleges and Programs

College of Agriculture

The College of Agriculture is one of the oldest colleges of the Fujian Agriculture and Forestry University, with a history as long as 77 years. It originated from the merging of the Department of Agronomy of the former Fujian Xi He University founded in 1936, and the Department of Agricultural Techniques of the former Fujian Agriculture University founded in 1940.

Currently, the college owns 3 departments, including Department of Agronomy, Department of Seed Science and Engineering, Department of Plant Sciences & Technology (from 2014), and offers 1 national key discipline: crop genetics & breeding, 1 key discipline of Ministry of Agriculture: crop genetics & breeding, 2 key disciplines of Fujian Province: crop genetics & breeding, and crop production & cultivation; 1 doctoral specialty: crop science, 1 master’s specialty: crop science, 3 undergraduate specialties: Agronomy, Seed Science and Engineering and Plant Sciences & Technology.

The college has 7 research institutes, 5 provincial or ministerial key laboratories, 9 provincial or ministerial research centers, 4 national or provincial academic units. The school employs 100 full-time faculty members including 30 professors and 32 associate professors and 38 lecturers. Among them there are 2 National Chief Scientists and 4 Minjiang Scholars. The school has already set up a complementary system for undergraduate, master degree, doctorate degree, and post-doctor cultivations. We receive each year some foreign students in our school for different educational programs.

Over recent years, the college has established academic exchange relationship with the corresponding educational or research establishments of more than 10 countries all over the world, as USA, UK, France, Germany, Australia, Canada, Japan, etc. The College sends also
its talent students to these countries to carry out cooperation research. In the other hand, the college has especially extensive exchanges with the universities of Taiwan.

I. Agronomy (Undergraduate Program):
This major is the foundation of large agriculture and the backbone of crop science. It is the oldest brand major and national characteristic major in our university. It is the first batch of national excellent agricultural and forestry talents education and training program reform pilot major. It aims to cultivate high quality specialized talents who have a solid crop production basic theoretical knowledge and basic skills, are capable of crop cultivation, prevention and control of diseases and pests of crops, and can work on crop genetics and breeding research, technology promotion and development of agricultural management. Graduates have a wide range of employment. They can be engaged in administrative management, teaching and research, marketing and other work in party and government organs, agricultural and forestry colleges, agricultural research institutes, tobacco companies and other departments. They can also enter the graduate study on agriculture or biology.

II. Seed Science and Engineering (Undergraduate Program):
This major, as the basis of crop production, is a new major that is set up according to the national seed industry development strategy. It aims to cultivate application-oriented professionals who possess basic theoretical knowledge and skills in seed science and engineering, master specialized knowledge in breed selection, superior seed production, seed inspection and management, and meet the needs of market economy development. They are engaged in production, management, teaching and scientific research in this major field. Graduates are suitable to be engaged in teaching and scientific research, variety selection and promotion, application development, marketing and other work in departments or units related to seed industry such as agricultural and forestry colleges, scientific research institutes, agricultural administration, agricultural enterprises, etc.

III. Plant Science and Technology (Undergraduate Program):
This major is a new major opened in 2014 to meet the needs of cultivating elite talents in the context of higher education popularization. It aims to cultivate innovative talents with solid
theoretical basis of Crop Biology and basic knowledge and skills of modern biotechnology, plant genetic improvement and efficient and safe production. Graduates can be engaged in teaching and scientific research in agricultural and forestry colleges and research institutes, as well as administrative management, research and development, marketing and other work in party and government organs, agricultural and biological companies.

IV. Crop Cultivation and Farming System (Postgraduate Program):

V. Crop Genetics and Breeding (Postgraduate Program):

Crop Genetics and Breeding is now a "cultivated" National Key Discipline. Both of the disciplines were authorized to offer Master degree and doctoral degree. In order to meet the need of scientific/technological progress and social development, the master and doctoral candidates should master the solid and broad professional theory, and systematic and in-depth expertise of crop related discipline. They should timely understand the development progress of crop discipline and international academic research frontiers, master certain disciplines relevant knowledge and advanced methods of scientific research. Also, the candidate should have excellent scientific and cultural literacy and independent ability to do the creative scientific research and practical work, and make creative achievements in science.

Website: http://english.fafu.edu.cn/nxyen/

College of Plant Protection

College of Plant Protection of Fujian Agricultural and Forestry University is located in Fuzhou City, Fujian Province. After eighty years accumulation, inheritance and innovation, CPP has formed her culture featured by the core spirit of “Ying Long”. Guided by the college motto of “Dedication, Innovation, Objectivity, Collaboration”, we have embarked on a path of development based on education, scientific research, and the construction of an ecological province and modern agriculture.
Currently, there are 139 faculties and staff members at CPP, including 91 full-time teachers, 81 with doctoral degrees, 27 professors and 19 associate professors. The faculty has a reasonable structure, a high academic level, and a strong scientific research.

College of Plant Protection has undergraduate majors-plant protection and pharmaceutical engineering, one Yan Jiaxian Experimental Class, one national key discipline, one first-level discipline for doctoral degree, and one post-doctoral research station. In addition, the discipline of plant protection is ranked the fourth in China (with a level of B+) in the fourth round of national academic assessment. We own the conditions to build the first-level discipline in China and the potential the first-level discipline in the world.

CPP has a great global strategy by working closely with international scientific communities around the world. In the past three years, the college has hosted eleven international academic conferences, and invited more than 140 experts from around the world for lectures and research corporations. Over 20 teachers, 30 graduates and more than 150 undergraduates have visited universities around the world for further education and academic purposes.

I. Entomology and Pest Prevention (Postgraduate Program):
It is expected to enroll students for master and doctoral programs of entomology and pest prevention.

1. Education Goals
It is aimed to cultivate students’ abilities to carry out basic research and application, with the core study of plants and pests, to explore important catastrophic mechanism of crop pests and reveal its evolving law. Research and development of crop pest ecological control techniques and crop production technology of security systems have been launched to guarantee agriculture security and sustainable production, and boost economic development in the west coast of Taiwan Straits. Currently distinct strength and features lie in entomological taxonomy and evolution, entomological physiology and toxicology, entomological genetics and development and genomics, entomological ecology and pest control, entomological behavior and biological control of pest, ecological security.

2. Major Directions
(1) Entomological Ecology & Integrated Pest Management
(2) Entomological Taxonomy & Pest Biological Control
(3) Entomological Physiology & Toxicology
(4) Entomological Functional Genomics
(5) Ecological Security
3. Cultivation Achievements
The distinguished achievers account for over 25% and good achievers take up more than 62% in graduate dissertations evaluation. All the academic postgraduate dissertations passed the anonymous review organized by Ministry of Education and school. In the past twenty years, 54 postgraduate students obtained doctoral degree (including 11 international students), 221 postgraduate students obtained master’s degree (including 5 international students). Dissertations of 8 postgraduate students won Outstanding Paper Award, 4 of which were rewarded at the provincial level, another 4 were at the school level. Students at school have published 89 academic dissertations, of which 64 were indexed in SCI and 25 were indexed in the core journal of Peking University.

4. Career Prospects
After graduation, most students will take up teaching, scientific research and managerial positions related to Agricultural Entomology and Pest Control in scientific research institutions, universities, enterprises running business in agriculture, forestry, prataculture, tea, tobacco and vegetables, or work in some public institutions, customs and other departments that are mainly responsible for import and export quarantine inspection and supervision and administration of food and drug safety.

II. Plant Pathology (Postgraduate Program):
It is expected to enroll students for master and doctoral programs of plant pathology.

1. Education Goals
It is aimed to cultivate students’ ability to conduct basic research for application and applied research, focusing on plants and pathogen equally, discussing essential plant disease mechanisms and revealing the rules of their evolution. We study biological prevention of plant disease and systems of crops’ safe production, ensuring the agricultural safety and sustainable production to promote the economic development in the west coast of Taiwan Straits. Currently, we have exceptional advantages in plant pathogen mechanism, plant resistance mechanism, disease ecology and epidemiology, the principle of disease prevention and its application, the plant-interbody-pathogen interactive mechanism and so on.

2. Major Directions
(1) Plant Virology
(2) Plant Pathogen Biology
(3) Plant Resistance Mechanism
(4) Plant Epidemic and Control
(5) Economics of Plant Protection

3. Cultivation Achievements

The distinguished achievers account for over 25% and good achievers take up more than 62% in graduate dissertations evaluation. All the academic postgraduate dissertations passed the anonymous review organized by Ministry of Education and school. In the past 20 years, 74 postgraduate students obtained doctoral degrees (including 7 international students), and 344 students obtained master degrees (including 2 international students). A total of 15 dissertations of academic postgraduate won Outstanding Paper Award, 6 of which were rewarded at the provincial level, another 9 were at the school level. Students at school have published 120 academic dissertations, of which 81 were indexed in SCI and 39 were indexed in the core journal of Peking University.

4. Career Prospects

After graduation, most students will take up teaching, scientific research and managerial positions related to Plant Pathology in scientific research institutions, universities, enterprises running business in agriculture, forestry, prataculture, tea, tobacco and vegetables, or work in some public institutions, customs and other departments that are mainly responsible for import and export quarantine inspection and supervision and administration of food and drug safety.

Website: http://english.fafu.edu.cn/zbxyen/

College of Horticulture

The College of Horticulture was established in 1936. The College consists of Horticulture Department, Tea Science Department, Facility Agriculture Science and Engineering Department, Genetics and Breeding Department, Institute of Horticultural Biotechnology, and other teaching and research institutions. The college offers three undergraduate majors, including horticulture, tea science and facility agriculture science and engineering. The college provides a complete training system from undergraduate and master degree to PhD and postdoctoral level.

Achievements: The first-level discipline of horticulture is a provincial key discipline and a
provincial characteristic key discipline. The College has a joint laboratory of Fujian Agriculture and Forestry University-Dalhousie University, a platform for sharing germplasm resources of subtropical fruit trees and special economic crops in Fujian Province, a research center for the breeding of daffodil varieties in Fujian Province and a key laboratory for tea in Fujian Province. The first batch of key laboratories of horticultural plant genetics and breeding in Fujian Province, the key strategic alliance of Fujian Province South Subtropical Fruit Tree Industry Technology Innovation and other five provincial and departmental research platforms.

The major research directions in the college range from horticultural plant germplasm innovation, cell engineering, genome and metabolome research, high-quality production technology to quality control mechanism, special tea production theory and technology, tea economic culture research. In the past five years, the horticulture won numerous awards including two first prizes, two second prizes, nine third prizes for the provincial science and technology progress awards, 26 national invention patents, 16 approved horticultural crop varieties.

The college also received two second prizes for national higher education teaching achievements, two national gold medals for China College Student’ Entrepreneurship competition, one first prize for higher education teaching achievements in Fujian Province, three provincial quality courses for Fujian Province, and provincial scientific and technological progress. Ten national college planning textbooks, including "flower decoration and Application" won the second prize of forestry (agricultural) national excellent textbook.

Faculty: We have 90 faculty members and 61 full-time teachers. Among them, there are 22 professors, 17 associate professors, 13 doctoral supervisors, 51 master's supervisors and 38 doctoral teachers. 1 member of the original horticultural discipline evaluation team of the Academic Degrees Committee of the State Council; 1 member of the National Agricultural Extension Master's Degree Graduate Education Steering Committee; 2 members of the
Ministry of Agriculture Textbook Construction Expert Committee; 4 experts enjoying the State Council special allowance; 1 “Double Appointed Academician”, 3 people in the “Thousand Talents Program”; 7 people in the “100 Million Talent Project” in the province; 4 new talents in the new century in Fujian Province; 2 candidates from the Outstanding Young Scientists Training Program in Fujian Province. In addition, there are 5 "Minjiang Scholars and Professors" and 1 "Jinshan Scholars and Professors".

Serving for Agriculture, Rural Areas and Farmers: Professor Lairong Li, former dean of Fujian Agricultural College and one of the founders of the discipline, was an expert in "The Fruit Tree Up the Mountain in the South", which had made great contributions to the production of fruit trees in southern China, and also laid a solid foundation for long-term service of the three rural areas for the discipline; The construction of science and technology parks and the construction of the national Quanzhou Agricultural Science and Technology Park. In 2015, the vegetable and tea disciplines were listed as national pilot projects for innovative agriculture.

I. Tea Science (Postgraduate Program):
Department of Tea Science (DTS) was established in 1975, obtained the master's degree authorization in 1993 and the doctor's degree authorization in 2003. It is one of the only seven doctor's authorization institutes in Tea Science in China, and has formed a complete talent training system of undergraduate, master and doctor. It was listed as a key construction discipline by the provincial government in 2005. There are 26 full-time teachers, including 1 Dual-Employed Academicians, 9 professors, 7 associate professors, 7 doctoral supervisors, 19 postgraduate supervisors, formed a high-quality faculty and scientific research team. Among them, 3 teachers enjoy the special allowance of the State Council, 2 teachers are "provincial candidates for the new century million talents project", 2 teachers are national tea industry system experts, 3 teachers are national Ministry of agriculture and Fujian Province tea industry system experts, 1 teacher obtains "National Science and technology excellent worker" honorary title, 3 teachers obtain "national excellent female worker in tea industry" honorary title. Tea teachers won one first prize, four second prizes and four third prizes of Fujian science and technology progress award, presided over the formulation of one international standard, three national standards and two local standards. More than 20 invention patents have been authorized by the state, more than 400 papers have been
published, including more than 50 SCI papers. The research direction includes tea germplasm resources innovation and utilization, tea physiological ecology and quality safety, tea deep processing and resource utilization, tea processing engineering and tea economy and culture.

II. Pomology (Postgraduate Program):
The Pomology program of Fujian Agriculture and Forestry, founded in 1950s, offers both the Doctor’s and Master's degrees. It is the key construction discipline in Fujian province. Our research in subtropical fruit trees is one of the best on the national level. We conduct cutting-edge research in plant biotechnology, genetic breeding of subtropical fruit trees, fruits production and physiology, fruit development and physiology, post-harvest physiology, fruit storage and transportation, and other disciplines. The program has 21 faculty, including 9 with senior professional titles and 7 with deputy senior professional titles. The current principal investigators are Professor Zhongxiong Lai. The Master degree is awarded after 3 years of study and the PhD degree is awarded after 3~4 years of study.

III. Flowers and Landscape Horticulture (Postgraduate Program):
The discipline of Flowers and Landscape Horticulture is the basic theory of flower germplasm conservation and cultivation, growth and development, post-harvest technology, and applied research on how to use various horticultural plants to green and beautify the living environment. This discipline focuses on the research of basic theories and applied technologies that are closely related to actual production, and trains high-level talents who have basic theories of modern flowers and landscape horticulture and are capable of teaching flowers, landscape horticulture, scientific research, and scientific management. The main research directions of this discipline include: ornamental plants biotechnology and genetic breeding, ornamental plants physiology (including post-harvest physiology), landscape horticulture planning and design.

IV. Facility Agricultural Science and Engineering (Postgraduate Program):
The Department of facility agriculture science and engineering can be traced back to the same age vegetable teaching and Research Office of the school. In order to adapt to the development of the times, the Department was adjusted to its current name in 2005. The Department has two second-class science and Technology Doctoral (Master) degree authorization points, i.e. facility agricultural science and engineering and vegetable science. It has a bachelor's major - facility agricultural science and engineering. It is a specialty of the
With a first-class faculty, there are 16 full-time teachers, including 7 professors, 4 associate professors, 2 doctoral directors, 10 master directors, 7 teachers with overseas study experience, including 1 scholar of the National Youth thousand talents program, 1 winner of the National Excellent Youth Fund, 1 million talents in Fujian Province, 2 excellent talents in the new century from the Department of education of Fujian Province, modern agricultural industry of Fujian Province 2 system post experts. Our department has strong scientific research strength, and has established "Fuzhou facility vegetable seed industry innovation platform" and Vegetable Research Institute. It is the host unit of "Fujian Province vegetable industry major agricultural technology promotion service pilot" of the Ministry of agriculture and the Ministry of finance. In the past five years, it has paid more than 20 million yuan for scientific research, published nearly 50 influential SCI papers, and won one first, one second prize and three third prizes of Fujian Province Science and technology progress award 5 awards. A series of tomato varieties, such as "Hongyan 601", "Fufen No.1", "Funong green eggplant", "yuanshuai" Luffa "and" Yihong "peach, have played an important role in the development of national economy and the satisfaction of people's living needs.

The undergraduate teaching platform is superior and the training quality is high. It has 2 undergraduate extracurricular scientific research practice bases, 2 1000m2 modern greenhouses, 10000m2 practice bases and 12 off campus practice bases. Students have made remarkable achievements in innovation and entrepreneurship. They have successively won one silver prize in the "youth creation" National College Students' entrepreneurship competition, one first prize in the National College Students' innovation and Entrepreneurship Competition organized by the Teaching Steering Committee of agricultural engineering specialty of the Ministry of education, one second prize in the National College Students' innovation and Entrepreneurship Competition organized by the Teaching Steering Committee of agricultural engineering specialty of the Ministry of education, and one second prize in Fujian Province The gold award of the provincial university entrepreneurship plan competition is 1, and the "Internet +" bronze award of the Fujian provincial entrepreneurship plan competition is 1.

V. Olericulture (Postgraduate Program):
Olericulture is a discipline that studies the growth and development and genetics of vegetables
under different environmental conditions. Based on the industrial production and focuses on the frontiers of the discipline, this discipline devotes to promote high-yield, high-quality, Efficient, Ecological and Safe production. Cultivate talents who have basic theories of vegetable science and are competent in vegetable science teaching, scientific research, and industrial management. The main research directions include: Vegetable Breeding and Biotechnology, Vegetable Physiology, Biochemistry and Ecology, Vegetable cultivation and Environmental Controlling, and Edible Fungus Science.

Website: http://english.fafu.edu.cn/yyxyen/

Forestry College

Forestry College has a long history. It developed from Department of Forestry in Agricultural College established in 1940 in Fujian province. Fujian Agriculture and Forestry University was established in October 2000, which was merged by Fujian Agricultural University and Fujian Forestry University. In April 2001, Forestry college of Fujian Agriculture and Forestry University was established based on the original Resources and Environment Department of Fujian Forestry University. In the past 80 years, through pioneering work, step-by-step progress, and healthy development, Forestry College has developed from a faculty with one major into a large scale college with many majors and multi-level education.

At present, Forestry College has a forestry postdoctoral research center, a first level discipline of doctor's degree authorization center for Forestry, 11 secondary disciplines of doctor's degree authorization centers (including Silviculture, Forest management, Forest Protection, Forest Tree Genetics and Breeding, Soil & Water Conservation and Desertification Combating, Wildlife Conservation and Utilization, Garden Botany, Economic Forest, Science of nature reserve, Coastal zone forest and environment, Culture of pharmaceutical plant).

College has a national characteristic major of Forestry, a key national and provincial discipline of Silviculture, a key discipline in state forestry administration of Silviculture, five
national college students' innovative projects. Besides, it has two provincial key disciplines, 6 provincial quality courses, 3 provincial high quality master's project courses (including Forest cultivation project, quantity ecology, watershed management), three key university laboratories in Fujian province, a provincial teaching team, 2 provincial innovation experimental disciplines for talent training mode which are Forestry and Ecology, four sharing platforms for provincial researches which are engineering technology research center for Chinese fir in Fujian province, engineering technology research center for Chinese herbal medicine GAP in Fujian province, engineering technology research center for the southern forest resources and environment in Fujian province and engineering technology research center for *Camellia oleifera* Abel.

Forestry College has presided over and took part in more than 200 projects, such as the international cooperation projects, the national Sixth, Seventh, Eighth and Ninth Five-Year Plans of science research project, the national Eleventh, Twelfth Five-Year Plans of support projects, the national natural science fund project, national 948 project, science and technology major projects in Fujian province, the province engineering research center project, natural science foundation of Fujian province. There were more than 200 scientific payoffs authorized by national or provincial administration.

Forestry College has seven teaching institutions: Forest Resources, Resources and Environment and Urban and Rural Planning, Water and Soil Conservation, Forest Tourism Protection, Ecological Environment, Statistics, Experiment center. There are 17 laboratories: Forest ecological process and operation key laboratory, Physiological and biochemical laboratory for trees, Forestry biotechnology laboratory, Tree specimen laboratory, Dendrology laboratory, Specimen room for forest insects, Microscopy Room.

Forestry College has 13 scientific research institutions, such as Modern forestry research center on both sides of the Taiwan straits, Engineering technology research center of Chinese fir attached to State Forestry Bureau, The institute of soil and water conservation in south of
Fujian province, Chinese fir research center, Forest and environment research institute, Forest protection research institute, The institute of industrial raw materials, Bamboo research institute, Economic forest research institution, Camellia oleifera Abel research center, Medicinal plants research institution, Forestry Ecology research institute, Research institute of soil and water conservation, Urban and rural planning research center, Eucalyptus research center.

Forestry College has established friendly relations and strengthened the academic communication with other universities and research institutions, such as British Columbia University in Canada, Forestry of Oregon University in the United States, Agronomy department in Tokyo University of Foreign Studies, University of Edinburgh, Forestry of National Chung Hsing University in Taiwan, and National Chiayi University in Taiwan.

Forestry College has gained many honorary titles such as National model sweet home for staff members, Advanced group of teacher's ethics construction, provincial model sweet home for staff members, Advanced group of provincial education system caring for the next generation, Outstanding achievement of "Project activities" in college party branch work in Fujian province, Advanced campus in the ninth civilized campus in Fujian province, Advanced group of teacher's ethics construction, Advanced group for school students work, Awarded university for graduates employment work, Awarded university for student financial aid work, Advanced group for the school students archives work. Youth League Committee of Forestry College was awarded as advanced group in university and province many times, won "May 4th red flag league branch" in university and in the communist Youth League in Fujian, and was awarded social practice advanced group. Forestry College has trained and supplied a large number of outstanding talents in various industries, in which more than 700 people are doctors or masters, and more than 10000 people are graduates. The graduates spread all over the country and home and abroad, most of them have become the key talents in their work and are thought highly of by employers, which in turn helps build the good reputation of the college.
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<tr>
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Website: [http://english.fafu.edu.cn/lxyn/](http://english.fafu.edu.cn/lxyn/)

**Life Science College**

Founded in April 2001, the School of Life Science is one of the most highly regarded and selective college among agriculture and forestry universities in China. Within its first decade, the school has established itself as a life science research and basic education unit with distinctive features. The discipline of biology is part of the training base of national science foundation research. We have 148 faculty and staff including 23 professors, 31 associate professors and 56 lecturers.
A key feature of the school is its departmental structure. The school is comprised of six academic departments: Applied Chemistry, Chemical Biology, Biological Sciences, Biotechnology, Bioengineering and Bioinformatics. The school offers undergraduate, graduate and professional education with a biology postdoctoral mobile research center, doctoral and master degrees in biology first-class discipline, 13 doctoral and master degrees in second-class disciplines, master degrees in 2 major and 6 undergraduate programs. Currently, there are some 150 undergraduates, 440 master students and 71 Ph.D students enrolled at the school.

The research structures at the school work as a model of international universities. There are 14 research centers and institutes including 3 national research platforms and 6 provincial research platforms. Our research groups contribute substantially to the National Key Programs for Science and Technology Development of China, State Natural Science Fund and projects from Ministries and enterprises. Research activities at the school have been maintained at high level as documented in the progress reports, publications and patents of the individual groups.

Another important aim of the school is to provide students with a platform for career opportunities. Success in this area is demonstrated by 11 members who left the school to take up appointments as a master's degree studying at universities in Germany and by a few outstanding exchange students who are studying in Hong Kong, Macao and Taiwan. Many domestic and foreign experts and scholars have been invited and had topics on the scientific research, discipline construction, personnel training and joint research.

The School of Life Science is making her effort to develop into a national-class or international-class school in the 21 century, the century of life science.

I. Biology (Postgraduate Program)
1. Discipline introduction

Biology discipline is developed from the national biological science talent training base
established in 1997, approved as the second level discipline doctoral degree program of "biochemistry and molecular biology" in 2003, awarded as the provincial key discipline and provincial characteristic advantage discipline in 2005, approved as the first level discipline doctor and master authorized point of biology in 2006, approved as the post-doctoral mobile station of biology in 2009. With the discipline culture of "morality education, dedication, innovation, reality seeking and entrepreneurship", centering on the goal of "Min-Tai Specific Resources Biology and its Comprehensive Utilization". Biology discipline has achieved to four directions: Agricultural biochemistry and molecular biology, Plant functional biology and green agriculture, Genetic breeding and development of edible fungi, and Comprehensive utilization of microbial resources.

2. Discipline team
There are 69 full-time teachers in the subject. Among them, 93% of them have PhD degree, 62% of them have senior professor title, 16 doctoral supervisors, 41 master's supervisors, these full-time teachers and scientists spread to four main research teams:

Direction 1: Agricultural biochemistry and molecular biology
Director: Professor Wang Shihua
Doctoral supervisor, executive vice president of Graduate School of Fujian agricultural and Forestry University, excellent talents of the Ministry of education in the new century, experts enjoying special government allowance of the State Council, national model teachers, Fujian special talents "double hundred plan", millions of engineering leading talents, discipline director of doctoral program of Biology level I discipline.
Main members: Prof. Zhou Jie, Prof. Zhuan Zhenhong, Prof. Wang Zonghua, Prof. Chen Xiaoting, Prof. He Huaqing

Direction 2: Plant functional biology and green agriculture
Director: Professor Miao Ying
Doctoral supervisor, Dean of College of Life Sciences, a winner of outstanding youth program of National Natural Science Foundation of Germany, awarded by talents of "hundred
talents plan" in Fujian Province; A vice director of Fujian society of cell biology. Her Interest research fields: Plant Senescence, Signal transduction, Crop molecular biology
Main Members: Prof. Lin Deshu, Prof

Direction 3: Genetic breeding and development of edible fungi
Director: Professor Xie Baogui
Doctoral supervisor and expert in breeding posts of national edible fungus industrial technology system. The director of Institute Germplasm resources of edible and their development and utilization.
Main Members: Prof. Sun Shujing, Prof. Wu Xiaoping, Prof. Hu Kaihui, Prof. Zhang Liaoyuan

Direction 4: Comprehensive utilization of microbial resources
Director: Professor. Gao Jiangtao
Doctoral supervisor, fujian “Minjiang” scholar professor, leader of the comprehensive utilization of microbial resources. He is engaged in the research of natural product drugs, synthesis and structural biology, the development of new drugs and the interpretation of major enzymatic mechanisms.
Main Members: Prof. QiuJunzhi, Prof. Huang Tianpei, Prof. Zhang Lingling

3. Scientific research
In the past five years, relying on the national mycorrhizal Engineering Technology Research Center, the Key Laboratory of pesticide chemistry and chemical biology of the Ministry of education, and four provincial key laboratory platforms of Fujian Province, the discipline has undertaken two national 973 projects, two national fund key projects, 39 National Natural Science Funds, four key research and development projects of the Ministry of science and technology, two supporting projects of the Ministry of science and technology, and two sub projects of agriculture. There are 2 international scientific research exchange projects of the Ministry of industry, 88 projects entrusted by various ministries and commissions and enterprises, with a total of 153 projects, a total of 64.754 million yuan of vertical funds, 3.06
million yuan of horizontal funds, 197000 yuan of annual average funds, 31 items of annual average scientific research projects, 52 authorized patents, 181 SCI academic publications. One second prize of progress award, eight ministerial and provincial scientific research achievement awards, four science and technology progress awards of Fujian Province, and one third prize of Natural Science Award of Fujian Province.

4. Personnel training
There are 113 doctoral students and 595 master's students in school (including 29 overseas doctoral students and 13 overseas master's students); in the past five years, 68 doctoral students and 338 master's students have been cultivated; 144 SCI papers have been published as the first author of graduate students, including 24 papers with influence factor of more than 5.0; 4 excellent doctoral dissertation and 4 excellent master's thesis in Fujian Province have been obtained.

5. Academic exchange and cooperation
This subject is the executive unit of the postgraduate innovation project "Sino-German-American Cooperative Cultivation of agri-genomic innovative talents training project" of the national overseas study foundation of China; it has established a student exchange mechanism with the school of life sciences of Taiwan University, Hong Kong Baptist University and Chinese University, and has carried out postgraduate academic exchange activities in the other college once a year in turn, promoting Hong Kong, Macao and Taiwan students Training of physical talents; sending excellent doctoral and master students to the University of Illinois at Urbana Champaign and the University of Kiel in Germany for further study and exchange; each year, more than 20 undergraduate or master students are recommended to 985 universities and Chinese Academy of Sciences for further study.

II. Ecology(Postgraduate Program)

Discipline orientation and missions: To construct ecologically civilized beautiful Fujian, it is guided by the construction of the double first-class university and relies on key of “The characteristic and advantageous discipline of the Ministry of Forestry of China and Fujian Province”. Being a core discipline, Ecology constructs academic talents and scientific research team and emphasizes on the improvement of the scientific research level and talent
training quality. It is characterized in subtropical Fujian and Taiwan area. This discipline of Ecology in Fujian Agriculture and Forestry University has made great achievements in three research fields: (1) agricultural ecology, (2) chemical ecology and (3) medicinal plant ecology. The faculty members carry out innovative research in the major ecological problems, such as safety & monitoring in agricultural ecological process, conservation and use of agricultural biodiversity, pollution prevention and remediation technology in agricultural environment, soil conservation and sandstorm control, assessment and management of agro-ecosystems, etc. Further, it will create a high-level scientific research team with international influence, and will construct the top 10 disciplines and domestic first-class among agricultural and forestry universities of China. The Ecology discipline will support and strengthen the services for Fujian ecological civilization construction and sustainable agriculture development.

Discipline superiorities and features: (1) Solid foundation., Scientists with countless fruitful efforts made Ecology discipline capable of conferring multiple achievements like master degree authorization in 1998, Ph.D. degree authorization as a secondary discipline of Biology in 2003, and as Characteristic and Advantageous Discipline by the Fujian Provincial Key in 2005. In 2008, Ecology discipline started to recruit post-doctoral fellows in ecology. In 2011, acquired Master & Ph.D. degree authorization as the first-level discipline separated from Biology disciplines. It became the key discipline of the Ministry of Forestry of China in 2016. In 2017, the national discipline assessment was accredited the discipline as a B+ grade in the fourth round. (2) Integral talent team. The Ecology group has 37 brilliant faculty members with high academic standards, and reasonable structure including 13 full professors and 12 Ph.D. supervisors. Our team has one national level talent of Hundred-thousand-ten thousands project, two State Council Special Allowance Experts, one winner of National Science Fund for Excellent Young Scholars, one young talent of National "1000 Youth Talents Plan", two leading talent of Fujian Province Science & Technology Innovation, one talent of Fujian Province “Hundred Talent Program”, three Min River Distinguished Professors in Fujian Province. 97.3% of faculty members are Ph.D. degree holders; among them the 59% of faculty members were studied or worked at abroad. (3) Powerful platform support. The discipline of Ecology owns national and provincial research platforms such as the National
Distinctive features in research. Our faculty members are conducting innovation research in the field of molecular ecology mechanism of high yield crop cultivation, continuous cropping obstacle, plant induced resistance, plant allelopathy, heavy metal contamination, conservation and use of agricultural biodiversity, soil conservation and sandstorm control, etc. Furthermore, we have distinctive features in the fields of crop allelopathy, chemical ecology, ecological agriculture and Juncao Technology. (5) Remarkable success in technology services. Juncao Technology invented by Prof. Zhanxi Lin has solved the contradiction between forest protection and mushroom cultivation. This Juncao Technology is playing a key role in ecological construction, poverty alleviation, soil conservation and sandstorm control, etc. It has been already applied in 498 counties, 31 provinces, and trained 7842 foreign technicians in 106 countries. and was also enlightened by many domestic and foreign mainstream media programs.

Talent cultivation goals: What we aim is to train our students and make them able to adapt into social modernization with a strong sense of professionalism, social responsibility and international perspective. They can have strong grip in basic theories and systematic broad depth of expertise in ecology, with the ability to carry out creative independent scientific research with moral, intellectual, physical, and aesthetic development. Finally, these students will be high-leveled talented ones with the innovative spirit of senior professionals in field of ecology along with experience in teaching, research, extension and management to meet the requirements of social, economic and and ecological development.

Research directions: Ecology discipline based on the Fujian-Taiwan region, faces the whole country and heads to the world. After the years of continuous development, we have established four stable research directions including plant ecology, microbial ecology,
ecosystem ecology, and sustainable ecology.

Website: http://english.fafu.edu.cn/skxyen/

The College of Animal Sciences (The College of Bee Science)

Founded in September 2019, the College of Animal Sciences (The College of Bee Science) is a new college formed by the merger of the former College of Animal Sciences and the former College of Bee Science. The two original colleges were established in 1958 and 1960, respectively. Currently, we have 88 academic staff members, 9 doctoral supervisors, and 42 master supervisors, with over 69% holding senior academic titles and 65% holding Ph.D. degrees.

The college is characterized by the outstanding teaching and scientific research. In terms of teaching, it has 1 National Demonstration Center of Experimental Teaching, 1 National Virtual Simulation Teaching Laboratory, 2 national characteristic specialties, 2 pilot projects of the education and training program for excellent agricultural and forestry talents, 1 National Talent Training Base for Agricultural, Scientific and Educational Cooperation, 2 Fujian provincial plateau disciplines, 1 provincial excellent teaching team and some other teaching platforms. Our college has been honored 1 second prize of national teaching achievement, 1 first prize of provincial teaching achievement, and 3 second prizes, and has edited 7 national textbooks. With regards to scientific research, the college possesses 1 National and Local Joint Engineering Laboratory, 1 Engineering Research Center of the Ministry of Education, 1 Scientific Observation and Experimental Station of the Ministry of Agriculture, 2 provincial key laboratories, 2 provincial engineering laboratories and 2 key laboratories of provincial universities. In recent years, we have presided more than 130 projects, including major national science and technology projects, major supporting projects of science and technology, Program 973, national key projects of research and development, provincial (ministry) scientific research projects and so on. More than 1000 papers have been published in domestic and international peer-reviewed journals, and we have won nearly 50 provincial and ministerial awards for scientific research and technological promotion.
I. Animal Husbandry Science (Master program)
Animal Husbandry Science includes two specialized research fields, animal genetic breeding and reproduction, and animal nutrition and feed science. Animal genetic breeding and reproduction focuses on quantitative genetics and animal breeding, molecular genetics and animal breeding, animal reproduction and embryo engineering, evaluation, conservation and utilization of animal genetic resources, etc. Animal nutrition and feed science concentrates on the development and efficient utilization of feed resources, pig and poultry nutrition, ruminant nutrition, animal disease resistance and nutrition, as well as livestock manure and reduction of greenhouse gas emission, etc.

II. Veterinary Medicine (Master Program)
Veterinary Medicine is a subject studying the prevention and treatment of animal diseases, including health care and disease prevention of domestic animals, pets, experimental animals and wild animals, as well as public health, food safety, disease models, veterinary laws and regulations. Major research field includes preventive veterinary medicine, clinical veterinary medicine, and basic veterinary medicine.

III. Special Economic Animal Breeding (Master Program)
Special Economic Animal Breeding is a discipline about bee biology and bee products. It aims to cultivate professionals with the ability of conducting scientific research on bees and undertaking the technical work in bee industry. Graduates can engage in education and scientific research on bees, administration in bee industry and comprehensive development of bee industry. The program includes three research fields--bee science, analysis and quality control of the bee products, and functional development of the bee products.

Website: http://english.fafu.edu.cn/dkxyen/

College of Food Science

The College of Food Science, originated from the food processing specialty of Fujian Agricultural College in 1958, and is one of the earliest agricultural and forestry colleges
setting up Food discipline in China. Department of Food Engineering was established in 1985. After 60 years of academic history and more than 30 years of development after the establishment of the Food Engineering Department, the "Bachelor – Master – Doctor –Post-doctor" training system was formed, becoming the first-class construction discipline (peak discipline) in Fujian Province, a key discipline in Fujian Province, which is also the only college that offers first-class doctoral disciplines of food science and engineering as well as postdoctoral research center in Fujian Province. In 2018, the undergraduate major of Food Science and Engineering in our college obtained the international engineering education certification (IEET), which is an international mutual recognition of undergraduate engineering education degree and fulfill the international standards for talents cultivation in this subject. The college has a strong team of faculty, there are 54 full-time teachers, including 17 professors, 20 associate professors, and 14 academic supervisors of Ph.D. candidates, with over 68% of faculty with senior academic titles and over 89% with Ph.D. degrees.

I. Food Science and Technology (PhD Program)

The Ph.D. program of food science and technology aims to cultivate Ph.D. candidates mastering the basic theories and systematic, in-depth expertise of food science and engineering, and deeply understanding the development direction of food science and engineering as well as the international academic research frontier. Ph.D. candidates will be able to skillfully use the theory of food science and engineering, modern experimental technology and advanced instruments and equipment to make development or have practice in the fields of raw food material and the physical and chemical characteristics of food, their biological properties, new technologies and new products in food science, new devices and new methods development. Ph.D. candidates will have good scientific and cultural literacy and the ability to independently engage in creative scientific research and/or engineering, be able to independently undertake and complete scientific research projects with greater scientific value, and make creative achievements in science or special technology. The main research areas of the program of Food Science and Technology include food science, processing and storage of agricultural products, processing and storage of fisheries products, food nutrition, food safety, etc.
College of Resources and Environment

The College of Resources and Environment was established in 1958. Besides postdoctoral research in Agricultural Resources and Environment Science, doctorate degree in Agricultural Resources and Environment as well as program both for academic and professional master degrees in Science and Environmental Engineering. The college has set up 3 undergraduate specialties, including “Agricultural Resources and Environment”, “Environmental Science and Technology”, and “Digital Technology”. Discipline of Agricultural Resources and Environment is a ministerial and provincial key discipline. Discipline of Environmental Engineering is assigned as a key discipline by the Government of Fujian Province. The Environmental Science and Technology specialty has passed the engineering professional certification by IEET, and the Land and Resources and Spatial Information specialty is a provincial characteristic specialty. We also have one Fujian Province Key Laboratory of Soil Environmental Health and Regulation, one Fujian Higher Education Key Laboratory of Soil Ecosystem Health and Regulation, one Provincial Class Graduate Student Education Innovation Base, one Provincial Class Education Team, and one Provincial Class Professional Comprehensive Reform Pilot Program.

Currently, we have 105 faculty members and staffs, including 92 full-time teachers, 95% of whom were conferred doctoral degree, and 41% had overseas study experience. We have 1 ministerial innovation team, 1 provincial teaching team, 2 awardee of National Science Fund for Distinguished Young Scholars, 1 Changjiang (Yangtze River) Scholar, 1 Outstanding Young Scholar of National Science Fund, 2 scholars of the National “100-, 1000- and 10000-talent Plan”, 2 Young and Middle-aged Leading Talents for Technological Innovation, 1 State Class Person of National Talents Engineering and 3 experts received special governmental subsidy from the State Council. In addition, the college has constructed 12 innovative teaching and research teams in Root Biology, Environmental Bio electrochemistry,
Environmental Genomics, Wastewater Treatment and Recycling, Soil Erosion and Ecological Restoration, Soil Pollution Control and Soil Remediation, and Soil Carbon-Nitrogen Cycle, etc.

The college has constructed professional labs and possesses equipment with total value exceed 50 million RMB such as HPLC-ICP-MS, GC-MS, SEM, PXRD, Elemental Analyzer, and GPS-RTK. We also have established 4 field observation stations, 5 bases of science and education and over 20 practical bases, all of which compose a high-quality environment for innovation and entrepreneurship.

As for course construction, the course named “Soil and Water Conservation” is a State Class Excellent Course, and “Pedology” and “Plant Nutriology” are Provincial Class Excellent Courses. Some courses such as “Soil Pollution and Prevention”, and “Solid Waste Disposal and Recovery” are provincial resource sharing courses. The college insists in internationalization to encourage students’ comprehensive strength and employment competitiveness. We recruit international students with the Chinese Government Scholarship, as well as offer outstanding undergraduate students to study abroad, such as Canada, Taiwan, USA, etc. The “Agricultural Resources and Environment” and “Environmental Science and Technology” specialties have the national CSC overseas exchange programs. We strongly support students to take part in entrepreneurial programs and academic competitions. Students have gotten 5 national programs, 12 provincial programs and 3 national awards. Plenty graduates of our college have good qualities and strong competences, so that have become senior managers or technical backbones in governments or other organizations.

I. Agriculture Resource and Environment (PhD Program)

The Agricultural Resource and Environment was established by famous soil scientist Professor Jingliang Lin in the middle of the 20 century. The discipline of Agricultural Resource and Environment is assigned as key discipline by the Government of Fujian Province. Postgraduate education is beginning since 1980s.
Besides postdoctoral research in Agricultural Resources and Environment Science, doctorate degree in Agricultural Resources and Environment in the specialties of Pedology, Plant Nutriology and Agricultural Environmental Protection, as well as program both for academic and professional master degrees in Agricultural Resources and Environment in the specialties of Pedology and Plant Nutriology are also provided. The discipline also has one Fujian Province Key Laboratory, one Provincial Class with Twelve-Five planning of Demonstration Center of Experiment and Teaching, one Provincial Class Graduate Student Education Innovation Base.

Currently, we have 31 faculty members and staffs, including 10 professors, 7 associate professors and 8 lecturers. 30 person-times of them are served as Changjiang Scholars, awardees of National Science Fund for Distinguished Young Scholars, Young and Middle-aged Leading Talents for Technological Innovation, State Class Persons of National Talents Engineering, awardees of National Science Fund for Outstanding Young Scholars, “Minjiang Scholar” and “Jinshan Scholar” Distinguished Professors, New Century Talent Supporting Project by education ministry, experts of the Ministry of Agriculture, Excellent Teacher Fund Prize by Fok Ying Tung Education Foundation, and experts received special governmental subsidy from the State Council, etc.

Website: http://english.fafu.edu.cn/zhxyen/

**College of Materials Engineering**

The college of materials engineering adheres to the policy of "all staff education, all process
education and all-round education”, adheres to the talent cultivation concept of "education oriented, moral education first, strengthening the foundation and improving the quality”, and has made fruitful achievements in talent cultivation, scientific research, social services and cultural heritage.

The first level discipline of forestry engineering of Fujian agricultural and Forestry University has a teaching staff with high educational level, reasonable structure and high academic level, there are 59 full-time teachers, including 20 professors, 28 associate professors, 13 lecturers, 16 doctoral supervisors and 50 doctoral degree holders; Established the innovation team in key fields of the Ministry of science and technology of "cellulose functional materials for agricultural and forestry residues”, there are 5 national talents, including double employed academicians, academicians of Canadian Academy of engineering, thousand talents program, Yangtze River scholars, ten thousand talents program, and candidates for national one million talents project; one member of the discipline evaluation group of the academic degree committee of the state council and one member of the teaching steering committee of institutions of higher learning of the ministry of education; Fujian outstanding scientific and technological talents, fujian hundred people plan, fujian double hundred special support plan, minjiang scholars and other provincial high-level talents 10. Presided over the past five years, the institute one attains the national scientific and technological progress second prize, won the provincial (ministry) level technical invention, progress prize in science and technology, in recent years, the college take 1 item of national "11th five-year plan" science and technology support project, the national spark plan key projects, paragraphs 1 and 2 international cooperation projects, the state ministry of science and technology three agricultural achievements transformation projects, the national natural science fund project 2 948 23, the state forestry administration, the state forestry administration promotion project 3, special three state public welfare industry research, provincial major 23 (key) projects, the total budget of more than 3000 ten thousand yuan. It has won 3 second prize of national scientific and technological progress (1 presided over), 1 first prize of provincial technological invention, 13 second and third prizes of provincial and ministerial scientific and
technological progress, 106 authorized patents, including 83 invention patents, 9 monographs, more than 500 papers, more than 150 papers included in SCI and EI, 23 in JCR area I and 45 in JCR area ii. College actively carry out international exchanges and cooperation between fujian and Taiwan, and America at Washington state university, Georgia institute of technology, Oregon state university, university of Tennessee, Louisiana state university, the university of Mississippi state university, Canada the UNB, Canada's national institute of forest products innovation, Canada UBC university, the university of Alberta in Canada, the United Kingdom brunel university, the university of Newcastle, Japan at waseda university, nanyang technological university in Singapore, Sweden, lulea university of technology and other foreign universities and research institutions established graduate joint training and scientific research cooperation.

I. Forestry Engineering (PhD Programs)

The discipline of forestry engineering was rated as the key discipline of the State Forestry and grassland administration, the peak discipline of Fujian Province, and the characteristic key discipline of colleges and universities of Fujian Province, and ranked fourth in the fourth round of discipline evaluation by the Ministry of education. The discipline of forestry engineering is a comprehensive applied discipline that studies the theories and technologies of forest resources oriented cultivation and harvest, sustainable and efficient utilization, development and design of forest products and derivatives, advanced processing methods (physical processing, chemical processing, biological processing) and related support (Technology), design of forest products and derivatives, advanced processing methods (physical processing, chemical processing, biological processing) and related support (Technology). It belongs to engineering category, including 7 research directions of wood science and technology, chemical processing engineering of forest products, furniture design and engineering, biomass energy and materials, pulp and paper engineering, forest engineering and forestry equipment and informatization.

Website: http://english.fafu.edu.cn/clxyen/

College of Mechanical and Electrical Engineering
The College of Mechanical and Electronic Engineering was founded in 1958. It consists of the Department of Mechanical Engineering, the Department of Bio-mechanical Electronics Engineering, the Department of Automotive Engineering, the Department of Electrical Engineering, the Department of Electronic Science, the Department of Physics. In addition, the college operates the Center for Engineering Practice. Three university-level research institutes and one research center are involved. These three research institutes are the Research Institute of Mechanical Manufacture and Automation, the Research Institute of Automotive Engineering and the Research Institute of Agricultural Engineering. The research center is the Research Center of Engineering and Technology of Optoelectronic Agriculture. Currently the college offers one doctor degree program in agricultural engineering and two master degree programs (first-level discipline) in mechanical engineering and agricultural engineering, under which there are eight master degree programs (second-level discipline). The college also offer three professional master degree programs in mechanics, electronic information and the popularization of agricultural mechanization.

The College of Mechanical and Electronic Engineering currently has a faculty of 122 members with 79 full-time academic staff. Among them, 36 people have senior technical titles. Some of the staff have won titles of honor, such as National-level Experts with Outstanding Contributions, National Outstanding Teachers, Provincial Outstanding Experts, Provincial Teaching Masters and Provincial Outstanding Teachers. Besides, the college has introduced a group of doctors from national key universities. All these efforts have greatly enhanced the academic quality of the college and its internationalized progress. Also, the college works as the base of the Test-Training Center in Fujian Province for the Certificate of Qualified Chinese Mechanical Design Engineer. Among the majors, Mechanical Design Manufacture and Automation is awarded as a national-level featured major and the innovative experimental area of Fujian personnel training model. Vehicle Engineering is established as a provincial-level featured major.

For a long time, the college has been making full use of the comprehensive preponderance of
curriculums of Mechanical Engineering and Electrical Engineering, Electronic Information Engineering to highlight the unique features of mechanical Engineering and agricultural engineering and to reinforce the research in such fields as optoelectronic agriculture and intelligent modern facility agriculture. Every year, it undertakes dozens of research projects at provincial or ministerial level as well as other lateral research projects. As a result, in both teaching and research, it has acquired outstanding achievements, promoting the research of related disciplines and talent training.

The college attaches great importance to effectively cultivating responsible, comprehensive and practical talents. At the same time, it puts much emphasis on learning foundation, personality development and creativity cultivation. In addition, the teaching plan highly focuses on pursuing clear training objectives, appropriate curriculum system, optimized knowledge structures and systematized engineering training with distinctive major features. The college also pays lots attention on students’ practice. Students are granted more opportunities to enhance their practical abilities and innovation capability after the improvement of facilities and hardware equipment. Moreover, a lot of long-term field-work bases in collaboration with many well-known enterprises have been established. All these field-work bases are guarantee of students’ practical activities and internship.

For 61 years since the college has been established, more than 10000 students have graduated. A vast number of them have achieved great success in all works of life ranging from political circle to technological stratum. In recent years, students of the college have done exceptionally well in a variety of national or provincial professional competitions. Every year, graduates from the college are successful in pursuing further education in prominent universities of the 985- and 211- project levels in China. Employers give pretty high evaluation and satisfaction to the graduates of all majors, who can find a suitable job after graduating from the college.
I. Agricultural Electrification and Automation (Master's degree)
This program is to train the students to have firm basic theories in Agricultural Electrification and Automation. It also helps the students to form good practical skill, strong self-learning ability and strong innovation and design capabilities. After this program, the students are able to engage in the engineering design, management, consultation, education, research and management work in the relevant field of agriculture engineering.

II. Mechanical Engineering (Master's degree)
This mechanical engineering discipline has a master program in mechanical engineering. This program is to train the students to have firm basic theories, good practical skill, strong self-learning ability and strong innovation capabilities. After this program, the students are able to engage in education, manufacturing, product development, maintenance, research and management work in the relevant field of mechanical engineering.

Professional direction: 1) Mechanical modern design and application 2) Advanced manufacturing and application technology of special materials 3) Mechatronic Control & Automotive electrical technology and Application.

III. Agricultural Engineering (Doctor's degree)
This agricultural engineering discipline has a Ph.D. program in agricultural engineering. This program is to train the students to have a firm and comprehensive grasp of basic theories and profound and systematic specialized knowledge in agricultural engineering. It also helps the students to know the cutting edge and the trend of agricultural engineering. This program fosters the students to form international vision and innovation ability. After this program, the students are expected to have good professional knowledge, great potential in scientific research and good practical skill. They are able to engage in education, research, production and management in the relevant areas of agriculture engineering.

College of Arts and College of Landscape Architecture

College of Arts and College of Landscape Architecture (CALA) was founded in June 2007, which originated from the major of Landscape Architecture (1984), the major of Ornamental Horticulture (1993), the major of Decoration (1993) and the major of Urban Planning (2004). There are 7 teaching departments in CALA now: Department of Environmental Design, Department of Visual Communication Design, Department of Product Design, Department of Animation, Department of Gardening, Department of Landscape Architecture and Department of Urban and Rural Planning.

At present, CALA holds a center for post-doctoral studies of landscape architecture, a first level discipline doctoral program of landscape architecture, a first level discipline master's program of landscape architecture, a first level discipline master's program of design, a master's program of landscape architecture, a master's program of art. Meanwhile, there are many academic institutes in CALA, such as: Forest Park Engineering Technology Research Center of State Forestry Administration, Key laboratory of Orchid Plant Protection and Utilization of State Forestry and Grassland Administration, National Water Conservancy Scenic Spot Research Center, National characteristic specialty, Key discipline of State Forestry and Grassland Administration, Key discipline of Fujian Province, Key laboratory of Fujian Universities. We also have a Research Center of Channel Flower Engineering Technology of Fujian Province, including Channel Orchid Conservation Research Center, Art & Landscape Design Research Center, Forest Park and Forest Landscape Research Institute, Landscape Planning and Design Institute, Environmental Art Design Institute, etc.

There are 7 full-time undergraduate majors in CALA. They are landscape architecture, gardening, urban and rural planning (Five-year System), environmental design, visual communication design, product design and animation. Except the 7 full-time majors, we still have one correspondence undergraduate major in landscape architecture, one self-taught
undergraduate major in landscape architecture, one upgraded major in interior design and one upgraded major in art design. There are 1985 full-time students in CALA now, which is including doctors, masters and undergraduates.

There are 130 faculties in CALA now, including 13 professors and 25 associate professors, 8 doctoral supervisors, 52 postgraduate supervisors (including doctoral supervisors and off campus supervisors); among the full-time teachers, we have 23 doctors and 52 masters, 1 member of the discipline evaluation group of State Council, 1 vice chairman of the education Working Committee of Chinese society of landscape architecture. One member of the Steering Committee for postgraduate education of national forestry degree, one member of the Chinese jury of the World Conservation Union (IUCN) green list, one leading talent of science and technology innovation in Fujian Province, one candidate for the national "one billion Talents Project" in the new century, one candidate for the "one billion Talents Project" in Fujian Province, one outstanding expert recognized by the province, two experts with special government allowance under the State Council, one committee member of the commission of teaching instruction, landscape architecture branch, of Ministry of Education, 3 lecture Professors of Minjiang scholars, 8 lecture Professors of Jinshan scholars.

I. Landscape Architecture

FAFU is one of the earliest colleges and universities in China that launched landscape education. In 2012, FAFU successfully won the first-level doctoral program for landscape education. In 2013, FAFU successfully won the post-doctoral station for landscape architecture. The discipline has formed four distinctive research directions: historical theory and heritage protection of landscape architecture, landscape design, landscape engineering and technology, landscape plants and applications. The school trains talents who are armed with systematic basic theories, professional knowledge, and scientific experimental capabilities in landscape architecture, and understand the development trends at home and abroad. Besides, FAFU fosters high-level specialized personnel who have the ability to
independently research, open up new fields and make innovative results, and engage in landscape architecture professional teaching, scientific research and management.

Website: [http://english.fafu.edu.cn/ysylxyen/](http://english.fafu.edu.cn/ysylxyen/)

**College of Management and College of Tourism**

College of Management and College of Tourism offers a second level doctoral degree in Agricultural Enterprise Operation and Management, a first level master's degree in Business Administration, a second level master's degree in Enterprise Management, Accounting, and Tourism management. Two professional master degree programs: Master of Business Administration (MBA) and Master of Accounting (MPAcc). There are five full-time undergraduate programs in Business Administration, Human Resource Management, Accounting, Tourism Management, and Cultural Industry Management, which have formed a relatively complete business management talent training system.

**Missions**

**School Position:** Educating + Research College

The college focuses on undergraduate education, vigorously developing postgraduate education, actively carrying out international student education and various forms of cooperation between China and foreign countries and between Fujian and Taiwan. Cultivate compound and applied management talents in the changing business world, positive changes, broaden horizons, exposing to new business practice, different cultures and a way of thinking.

**Goal:** Cultivate compound and applied talents with innovative spirit and practical ability in the changing world.

**Faculty**

The college has a strong faculty. The faculty team is characterized by high academic qualifications, high quality and youthfulness. Among the full-time teachers, there are 6
doctoral supervisors, 10 professors and 34 associate professors, accounting for 64.8% of senior titles; 39 teachers with doctoral degrees, accounting for 57% of full-time teachers; among them, 2 are “100 million talents in Fujian Province”, 4 people were selected as “Fujian Province Higher Education New Century Excellent Talents Support Program”, 7 were selected as “Fujian’s University Outstanding Young Scientists Talent Cultivation Program”, and 1 was selected as “National Excellent Innovation and Entrepreneur Mentor Selected by the Ministry of Education” Talent pool”, 6 are in "School Outstanding Young Scientists Talents Program", 2 are "Jinshan Scholars" innovative talents, 4 are "Jinshan Scholars” youth top talents and 5 young academic rookies, "Jinshan Scholars" Youth Teaching Star 1.

Teaching and Research Platform
The college has built a high-level, high-quality teaching and research platform. It has provincial-level key disciplines for business administration; 3 provincial-level scientific research platforms, 1 department-level scientific research platform, 3 research institutes, 1 Fujian National Civil Service Training Base, and 1 Fujian Provincial Graduate Education Innovation Base (cultivation); 2 central and local government joint project platforms, a Fujian-Taiwan rural tourism creative guidance center, a Pingtan Industrial Innovation Joint Research Institute, Pingtan Island Leisure Tourism Research Center; a provincial-level professional comprehensive reform project, 1 province Level Innovation and Entrepreneurship Education Reform Project, 4 provincial-level quality courses, 1 provincial-level boutique sharing class, 2 provincial-level online courses, 3 provincial-level online courses, and 2 provincial-level innovations, 20 national-level, 45 provincial-level university students innovative experimental projects; 1 teaching case research and development center, 1 experimental center, more than 20 off-campus teaching practice bases; books, periodicals and electronic reading rooms.

Teaching and research results
The teaching and research achievements of the college are remarkable. In recent years, there have been 106 national, provincial and ministerial research topics and 149 horizontal topics. Among them, there are 9 national social science funds, 5 national science funds, 1 national
soft science, 4 humanities and social science projects of the Ministry of Education, and more than 10 provincial and ministerial-level scientific research achievements awards; 127 academic papers published, including: SCI included 18 papers (one of which entered the JCR category for the first time in the liberal arts category), 14 in the SSCI, 4 in the SCI and SSCI, 12 in the EI, and more than 70 in the CSSCI and its high-level papers. At the same time, it undertakes more than 50 teaching reform projects at all levels, one provincial first prize for teaching achievements, two national excellent management cases, 15 cases for the China Management Case Sharing Center Library, and two cases for Chinese professional degree teaching cases. More than 110 national, regional and provincial and above professional skills competition awards, including one national gold medal, four national silver awards, seven national bronze medals, and six other national competitions. 22 second-class, 11 third-class, 2 other awards; 11 provincial gold awards, 13 provincial silver awards, 19 provincial bronze awards, 10 excellent awards, and 5 other regional first-class awards, 5 second prizes and 4 other awards. The Youth League Committee of the College was awarded the 2017 Fujian Provincial May Fourth Red Flag Youth League Committee, and a group of advanced groups such as the National May Fourth Red Flag Group Branch, two National Activity Group Branches, and one Fujian Provincial May Fourth Red Flag Group Branch emerged.

International exchange
The college actively carries out academic exchanges and cooperation with foreign countries. At present, it has established cooperative relations with famous universities as Texas A&M University, New York State University, California State University Long Beach, South Africa Durban Institute of Technology, Taiwan Chinese Culture University, Taiwan Asian University, Taiwan Chung Yuan University, Taiwan Donghua University. Twenty-six teachers were sent to study abroad, and 48 students were sent to study abroad.

I. Business administration (Undergraduates and Postgraduates Program)

Training Objectives: This major has two training directions: innovative entrepreneurship and e-commerce. It is mainly cultivated to meet the needs of modern industrial and commercial
enterprises, has high theoretical management literacy, humanistic quality and scientific spirit, students should master economic, legal, social and psychological knowledge related to business administration, and be familiar with modern and classical management methods. Systematic thinking and strong mathematical analysis skills, with the ability to identify and solve management problems, graduates can be engaged in management and related work in enterprises, institutions and government departments.

Training effect: In recent years, graduates are mainly distributed in Shanghai, Guangzhou, Shenzhen, Fuzhou, Xiamen and other places. They are employed in enterprises and institutions or choose to start their own businesses. Many graduates have become middle and senior managers of enterprises. Some graduates continue to pursue postgraduate studies or study abroad.

Main courses: economics, management, marketing, corporate strategic management, production operation management, enterprise quality management, accounting, human resource management, company organization and management, e-commerce, entrepreneurship management, agriculture-related business operations.

II. Tourism management (Undergraduates Program)

Training objectives: to cultivate the development needs of modern tourism, with high modern management theory and systematic tourism management expertise, with humanistic quality, international vision, innovation awareness, entrepreneurship, practical ability and social responsibility. Graduates can work in various tourism-related enterprises and institutions, educational and research institutions, and can be engaged in operations, management, planning, consulting, and services.

Training effect: Graduates are suitable to work in tourism administrative departments, large-scale tourism companies, tourist attractions, colleges and universities, scientific research institutions and other related enterprises and institutions.
Main courses: economics, management, marketing, introduction to tourism, tourism resources and development, modern service industry management, tourism destination management, hotel management, travel agency management, scenic area management, tourism professional comprehensive internship.

Website: [http://english.fafu.edu.cn/glxyen/](http://english.fafu.edu.cn/glxyen/)

**The College of Economics (the College of Strait Rural Development)**

With a history of over 80 years, the College of Economics (the College of Strait Rural Development) has formed a complete personnel cultivation system from undergraduate programs to Ph.D. programs. The college has strong teams of faculty, 13 professors, 24 associate professors, and 11 academic supervisors for Ph.D. candidates, with over 63% of faculty with senior academic titles and over 85% with Ph.D. degrees.

The college takes a lead in terms of teaching and research capacities in China. Economics and Management of Agriculture and Forestry, a Tier-1 program, is a key program of State Administration of Forestry and Grassland and key featured program of Fujian Province. The Program of Economics and Management of Agriculture and Forestry is a National Featured Construction Program. The college has numerous R&D platforms and think-tanks at provincial and ministry level, including the Research Center of the Administration of Forestry and Grassland on the Reform and Development of Collective Forestry, the Research Center for South Pacific Island Countries (the R&D platform on the research of countries and regions of the Ministry of Education), Fujian Institute for Financial Inclusion Studies, the Institute of Cross-strait Leisure Agriculture Development, and Institute of Fujian-Taiwan Rural Development and Community Construction. The College has undertaken and completed over 20 national research projects, including a number of major bidding projects of National Social Science Foundation of China, obtained a number of high-quality research outcomes, and achieved over 20 R&D awards at provincial and ministry level. The college also has close academic exchanges and communication home and abroad, including Peking University,
I. Agricultural and Forestry Economy Management (Undergraduate Program)

The program aims to cultivate high quality and interdisciplinary talents with specialty. The students are required to have solid theories and knowledge of economics and management, understand agricultural and forestry economics as well as regional social and economic development. This program helps students get familiar with the policies and institution of agricultural and forestry economy. The students are required to be able to integrate the analytical methods on economics and management with modern information processing techniques, applying the said skills in agribusinesses in terms of operation and management, tech-economic analysis, and accounting, and in governmental departments in the fields of industrial administration and socio-economic investigation.

II. Agricultural Economics and Management (Postgraduates Programs)

Economics and Management of Agriculture is a comprehensive program integrating the knowledge of Economics, Management, Sociology, and Agriculture Sciences. The program covers the economic rules and the related public administration institution on the whole process of production, trade, distribution and consumption of agricultural products as well as public administration policies relating to social development and management in rural areas. Major fields of research include the theories and policies on agricultural economy, organization and institution of agricultural economy, food economy, agricultural trade, and rural finance.

III. Forestry Economics and Management (Postgraduates Programs)

Economics and Management of Forestry is an interdisciplinary program integrating the knowledge of Economics, Management, Sociology, Forestry and Ecology. The program covers the economic and managerial rules, issues, and pertinent policies on forestry resource
utilization and management, industrial development of forestry, sustainable socio-economic
development in forestry regions, and bio-diversity protection and utilization. Major fields of
research include the theories and policies on forestry economy, forestry ecological resources
and environmental economy, economics and trade of forestry products, sustainable forestry
development and the development of mountainous regions, and forestry production behaviors
of farmers.

Website: http://english.fafu.edu.cn/jjxyen/main.htm

**College of Public Administration**

Established in 2013, the School of Public Administration is one of our schools with the most
developmental potential. It is an advanced teaching and research school among its peer
institutions in the country and similar disciplines in the province.

The school has developed a complete talent training system from undergraduate level to
doctoral level, consisting of a second-level doctoral program (*Rural Social Management*), a
first-level master's program (*Public Administration*), and two professional master's programs
(*Master of Public Administration*, and *Master of Law*), and undergraduate programs in Public
Administration (specific majors including *Public Utility Management*, *Administrative
Management*, and *Labor and Social Security*), Land Resource Management, Law, and Public
Utility Management (a special program – students will be trained in Fujian and Taiwan). In
addition, the school has a national public management case center Fuzhou branch (only two in
the country at present), a provincial plateau discipline, a provincial key discipline – Public
Administration, 6 provincial excellent online open courses, 5 provincial research bases in
humanities and social science, 2 provincial think tanks, 2 research institutes, 1 provincial
graduate education innovation base and over 30 public management research and teaching
practice bases.
The school has strong faculty, comprising 76 full-time faculty members, of which 40% hold senior professional titles, 41 doctorates, 36 postgraduate supervisors, and more than 20 with provincial-level talent titles. In addition, there are 5 foreign professors (overseas) and more than 60 adjunct professors from the public sector across the country. In the past 5 years, the achievements of our faculty members include hosting 23 national scientific research projects such as the National Social Science Fund and Natural Science Foundation, 5 international cooperative scientific research projects, and more than 150 provincial and ministerial scientific research projects, 16 provincial and ministerial level teaching and research awards, and more than 60 research results that have been adopted by provincial government departments and above.

The school has established cooperative relations with Auburn University, Texas A & M University, Taiwan University, Taiwan Chinese Cultural University, Taiwan Chung Hsing University, Taiwan Ocean University, Taiwan Donghua University, and Taiwan Asian University, etc. Each year we provide students exchange opportunities to these universities. Graduates of our school have a high employment rate and good employment quality. Some of them joined national civil service, and quite a few were accepted for further studies by some top universities in China such as Tsinghua University, Renmin University of China, Fudan University, Zhejiang University, and Xiamen University.

I. Rural Social Management (PhD Program)

This program aims at cultivating professional knowledge with solid and broad basic theories and systematic knowledge of rural social management, proficiency in rural social survey methods, and flexible application of modern economics and management analysis methods to solve rural social management problems. Students are expected to independently and creatively conduct research and teaching or special management work on rural social management issues, and be able to lead scientific research and explore cutting-edge topics in subject development.

Research direction: Rural Social Development, Rural Social Governance, Rural Urbanization
II. Public Administration (Master’s Program)

This program strives to foster the basic theoretical knowledge and analytical methods of public management science, innovative thinking and basic research capabilities. Through the study of China's development practice and experience as well as international comparisons, students should be able to understand the commonalities and characteristics of public management practices in different countries, improving the ability to effectively use public governance and public policy ideas and methods to solve problems faced by the country during its transformation and development. Students will be competent for the management and basic research jobs in government agencies, non-governmental organizations, enterprises and other departments.

Research direction: Administrative Management, Public Policy, Resource and Environmental Management.

Website: http://english.fafu.edu.cn/ggxyen/