Sichuan University (SCU) is a national key comprehensive university, incorporated from three key universities, namely, the former Sichuan University, Chengdu University of Science and Technology (CUST) and West China University of Medical Science (WCUMS). Sichuan University offers courses in nine major fields of study including humanities, social sciences, natural sciences, engineering and technology, medical sciences, etc.
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General Information

As one of the national key universities directly under the State Ministry of Education (MOE) as well as one of the State “211 Project” universities enjoying privileged construction in the Ninth Five-Year Plan period, the present Sichuan University (SCU) was first incorporated with Chengdu University of Science and Technology (CUST), another national key university under the MOE in 1994, and West China University of Medical Science (WCUMS), a key university directly subordinated to the State Ministry of Health in 2000. The present Secretary of the Party committee is Prof. Lu Tie-cheng, and the President currently in office is Prof. Xie He-ping (academician of the Chinese Academy of Engineering).

At present, SCU has the widest coverage of disciplines and the largest scale of operation in West China. There are 15 key disciplines at the national level, 14 “211 Project” key construction disciplines, 29 key disciplines at the provincial and ministerial level, 4 national bases for personnel training in basic disciplines and scientific research, and a teaching base for engineering courses. Besides, it has 12 first-class disciplines to grant Doctor’s degree and Master’s degree, 111 second-class disciplines to grant Doctor’s degree, 178 Master programs, 6 specialized degree programs, and 16 post-doctor stations. The 109 bachelor programs cover the major fields in liberal arts, sciences, engineering, medicine and agriculture.

SCU has a current student population of more than 70 thousand. Ever since the birth of New China, it has cultivated over 200 thousand students, and therefore it has been identified by the MOE as the Collegiate Cultural Quality Education Base.

SCU enjoys a long history, glorious traditions and a firm strength in operation. The former Sichuan Univ. was one of the earliest institutes of higher learning in China, with a history dating back to Sichuan Zhong-Xi Xuetang (Sichuan Chinese and Western School), established in 1896, which was in a direct line of succession with...
Jinjiang Shuyuan and Zunjing Shuyuan, places for classical learning, set up in 1704 and 1875 respectively. By the eve of New China, Sichuan Univ. had developed into the biggest national multidisciplinary university with 6 colleges of literature, science, engineering, agriculture, law and teachers training, and 25 departments. Sichuan Univ. is one of the pioneers of modern Chinese higher education, playing a demonstrating role in the development of the modern higher education in West China. After the birth of New China, through the nationwide adjustment of colleges and departments, Sichuan Univ. grew out to be a dominant comprehensive university in literature, historiography, religion, math, biology, etc. In 1958, it was the only one (the other six in Beijing) that was identified by the Central Government as university directly under the State administration and guiding the others. The predecessor of CUST is Chengdu Engineering College, set up in 1954 as the result of the nation-wide college and department adjustment, with celebrated disciplines in materials, chemical engineering, hydroelectricity, mechanics, textile and light industry, etc. WCUMS originated from the private Huaxi Xiehe College (West China Coordinated College), established in 1910 by five Christian missionary groups from U.S.A., UK and Canada, with disciplines in stomatology, biomedicine, basic medicine and clinical medicine greatly influential at home and abroad. Throughout its centennial history, SCU has been the cradle for a great number of celebrated revolutionaries, educators as well as scientists and men of letters enjoying a high reputation both at home and abroad. Among them, both Zhang Lan, the famous social activist, educationist, and the former Vice-chairman of the Central Government, and Wu Yuzhang, the noted revolutionary and educationist, once took up office as the president successively. Marshal Zhu De, one the founding fathers of the People’s Republic China and the People’s Liberation Army; Guo Moruo, a literary giant and the previous president of Chinese Academy of Science; Ba Jin, a leading authority in literature, once studied here. Up to now, there are 45 academicians among the alumni.

SCU has a competent teaching force. It has a current total staff of 11,357, among whom 969 are professors, 2192 associate professors, 6 academicians of Chinese Academy of Science and Chinese Academy of Engineering, 434 tutors of doctor students, and 17 members of the Academic Degrees Committee and the Discipline Appraisal Group under the State Council. Besides, the university has 14 posts of the “Yangtze River Scholar Award Plan” for specially engaged professors (9 engaged plus 1 lecture professor).
SCU has great potentiality in scientific research. There are in function 2 national key labs, 6 national engineering centers, 5 ministerial (MOE) key labs, 35 provincial key labs, 10 ministerial and provincial centers, 4 key research bases for humanities and social sciences, and 4 clinical research bases at the national level. SCU has undertaken and completed a considerable number of national, ministerial and regional major research projects, and has made many achievements, which are rated first class in China and bear significant international influence. The total value of the equipment applied to teaching, scientific research and medical treatment amounts to about 530 million RMB yuan and the annual publications of research papers exceed 4,000. In 2002, the university was supported with a total of 29 million RMB yuan for scientific research in natural science, engineering and medicine; entrusted with 140 National Natural Science Foundation projects for a total of 29 million RMB yuan, 112 out of which were to hand, amounting to 29.5 million RMB yuan, ranking fifth among other universities in China. In addition, it was supported with another 29 million RMB yuan for research in humanities and social science. In that year, 3079 scientific papers were published at home and abroad, ranking seventh, among which 341 were included by SCI, ranking eleventh, and quoted by 391 times, ranking fifteenth. 2484 papers in science, engineering and medicine were published in China’s core periodicals, ranking sixth, and were quoted by 2644 times, ranking seventh. In the same year, 150-odd monographs and 1,500-odd papers in social science were published, with more than 40% indexed by CSSCI. Still in that year, the university succeeded in applying 121 patents, 102 out of which were invention-oriented, ranking eighth.

SCU enjoys favorable facilities. The University Library (with 3 sub-divisions), which comprises about 4.8 million volumes, serves as the Collection Center for English Publications under the National Educational, Scientific and Cultural Organization, MOE Information Center for Liberal Arts Literature and CALIS Southwest Sub-center, National University Scientific and Technological Projects and Achievements Consulting Center, and Center for Medical Literature Retrieval in Southwest China as well. The University Museum is the only one of its kind in China with a comprehensive collection of cultural relics over 40,000 pieces, and animal and plant specimens over 600,000 pieces, ranking first in its holdings among the others in China. The University Stadium is fully and sophisticatedly equipped and once served as the main field for the Sixth National Collegiate Sports Meet. Other sub-divisions available are Campus Web Center, Analytic and Testing Center, University Archive Establishment, University Press, National Foreign Language
Examination Center, Intensive Language Training Center, 4 attached hospitals, and 1 attached health school. So far the university has published 37 academic periodicals to domestic and overseas subscribers.

SCU is located in Chengdu, a culturally and historically noticeable city, adjacent to the Jinjiang River and its tributary Jiang'an River. The University consists of 3 Campuses of Wangjiang, Huaxi and Jiang’an, covering an area of over 7,000 Chinese mu (about 4.7 km²), with a total floorage of more than 2.7 million square meters. SCU is the ideal place for academic studies and researches with the campuses set in agreeable environments of green plants, lawns and trees.
History of SCU

As one of the national key universities directly under the State Ministry of Education (MOE) and one of the State “211 Project” universities, Sichuan University (SCU) was incorporated in 1994 with Chengdu University of Science and Technology (CUST), another key university directly under the MOE, and West China University of Medical Science (WCUMS) in 2000, a key university directly subordinated to the State Ministry of Health. On Sept.29, 2001, the MOE and the Sichuan People’s Government signed an agreement for the co-construction of the University.

The history of SCU can be dated back to Sichuan Zhong-Xi Xuetang (Sichuan Chinese-Western School), established under the imperial edict by Lu Chuan-lin, Governor-general of Sichuan, with He Weidi as the first headmaster. In 1902, again under the imperial edict, Governor Kui Jun merged it with Zunjing Shuyuan and Jinjiang Shuyuan (both were the places for classical learning) into Sichuan Tong-sheng Da Xuetang (Sichuan Provincial School), which was renamed as Sichuan Higher School at the end of the year, with Hu Jun as the first principal. In 1927, the specialized public schools of law and politics, agriculture, foreign languages, engineering and studies of Chinese ancient civilization were incorporated into Sichuan University. It had the post of the president left in vacancy, and Xiang Chucheng, dean of the College of Chinese Literature and acting head of Sichuan Education Department, was appointed to take the lead in co-managing official business. In Nov.1931, Public Chengdu College (with Zhang Lan, the former state vice-chairman, as its president), Public Chengdu Teacher’s College (with Wu Yuzhang, the toted revolutionary and educationist as its president from Aug.1922 to Mar.1924), and Public Sichuan University, were incorporated by the State Department of Education into National Sichuan University. In May 1932, Wang Zhao-rong was made president. After the birth of New China, through the nationwide adjustment of colleges and departments, it had developed, by 1956, into a comprehensive university with remarkable advantages in literature, historical
The predecessor of Chengdu University of Science and Technology (CUST) was Chengdu Engineering Institute, set up in 1954. In 1952, during the nation-wide adjustment of colleges and departments, the chemical engineering and light industry of 8 universities (Sichuan Univ., Chongqing Univ., Huaxi Univ. etc) were taken out and incorporated into Sichuan Chemical Engineering Institute in Luzhou, Sichuan Province, with Zheng Fang as the first vice-president (president left vacant). In the first half of the year 1954, with the permission of the Government Administration Council, the majors of electro-mechanic, hydroelectricity and civil engineering of some universities in Southwest China were subordinated to the College of Engineering of Sichuan University, which was then allowed to separate from Sichuan University to be Chengdu Engineering Institute (with Xu Qizhi as its president), under the leadership of the Department of Education. On Nov. 29, 1954, the Government Administration Council ratified the incorporation of Sichuan Chemical Engineering Institute with Chengdu Engineering Institute, still in the name of Chengdu Engineering Institute, with Xu Qizhi and Zheng Fang as its vice presidents (president left vacant). In 1978, Chengdu Engineering was re-established as Chengdu University of Science and Technology (with Cao Zhenzhi as its vice president and the president left in vacancy), a national key university under the leadership of the Chinese Academy of Science. In Nov. 1980, with the approval of the State Council, it was put under the leadership of the Ministry of Education, with Cao Zhenzhi as its president. It was then a university of science and engineering with great potentiality in the disciplines of materials, chemical engineering, water conservancy and hydroelectricity, mechanics, textile and light industry, etc.

WCUMS originated from the private West China Xiehe (Coordinated) University (with Jia Ersheng as its president and the president left vacant), called “Hua Da”, which was established by five religious groups from America, Great Britain and Canada in Chengdu in 1910. In 1913, Bi Qi took office as the first president. In 1913, it was formally recognized by the Department of Education, appointing Zhang Linggao as its president. In 1929, the Medical Department and the Dental Department were incorporated into College of Medicine. In 1932, the College of Liberal Arts was set up and in 1934 the Science Department was changed into College of Sciences. In 1951, West China Xiehe University was taken over by the government as West China University, which was again renamed as Sichuan Medical Institute in 1953, and Prof. Liu Chengzhao remained as its president. In Feb. 1978, it was listed as a national key institute, with Ma Junzhi as its president.
In Mar. the same year, it was again put under the leadership of the State Department of Health. In 1985, it was renamed as West China University of Medical Science (WCUMS), with Cao Zeyi as its president, a university prestigious both at home and abroad in the disciplines of stomatology, biomedicine, basic medicine, clinical medicine, etc.

On Nov. 24, 1993, the National Educational Committee (now the State Ministry of Education) and the Sichuan Provincial Government ratified the merge of Sichuan University with CUST into Sichuan Union University (Sichuan University and Chengdu University of Science and Technology). In Mar. 1994, Cheng Junkai was made president of the university, who was then substituted by Lu Tiecheng in Dec. 1997. On Dec. 21, 1998, the MOE resumed its name as Sichuan University. Then, on Sept. 29, 2000, with the permission of the State Council, Sichuan University was merged with West China University of Medical Science into the present Sichuan University (SCU), still with Lu Tiecheng as its president.

SCU now covers an area of over 3750 Chinese mu, with a total floorage of more than 2.2 million square meters. It has purchased a piece of land of over 3300 Chinese mu in Shuangliu County, Chengdu, for a new campus (completed). The university has a current total staff of 12000, among whom 969 are professors (including research fellows and professors of medicine), 5 academicians of the Chinese Academy of Science and the Chinese Academy of Engineering, and 434 tutors of doctor students. It has 15 national key disciplines; 14 key disciplines of the state "211 Project"; 10 national key labs, specialized labs, engineering and other centers; 16 post-doctor stations; 12 first-level doctor and master programs; 96 second-level doctor programs; 162 master programs and 6 specialized degree programs in business administration, engineering, law, clinical medicine, stomatology and public health. It has a total student population of over 70,000, including 29,408 full-time undergraduates, 10,021 graduates (2,125 doctor students), 21,449 adult education students, 14,730 long-distance students and 598 students from abroad and Hong Kong, Macao and Taiwan. It has 104 undergraduate majors covering human arts, social science, sciences, engineering, technology, medicine, etc. The University Library has a collection of 4.72 million volumes. The value of its teaching, research and medical facilities is more than 530 million RMB yuan. In 2002, its fund for research in science, engineering and medicine amounted to 250 million RMB yuan, while its fund for research in social science amounted to 290 million RMB yuan.

Apart from the 28 discipline-oriented Colleges and 1 Physical Education
Department, SCU presently has Graduate School, College of Software Engineering, College of Adult Education, College for Overseas Students, College of Net-work Education, etc. In addition, the University has jointly set up with certain departments of the provincial government Sichuan College of Tourism Management and Sichuan College of Business Administration.
Sichuan University, the former Sichuan Zhong Xi Xue Tang of the Qing Dynasty, opened in June 18, 1896. In Mar 1902, it merged into Sichuan Da Xue Tang together with Zun Jing Shu Yuan and Jin Jing Shu Yuan, and it was renamed Sichuan Higher Xue Tang in December. It was then not only the higher learning institution, but also the administrative organization of education. In 1923, five specialist schools united to compose Public Sichuan University, and in 1931, three colleges united to compose National Sichuan University. By that time, it was one of the most prestigious universities in China.

During the war of Resistance Against Japan, Sichuan University moved to E Mei in 1940, it returned to its original campus ---- Chengdu in 1943. By 1948, the university developed into one of the country's largest institutions of higher learning, with 6 colleges, 25 departments and an enrollment of more than 6000 students, an area covering 5100mu. In its long history of school running, Sichuan University has developed glorious revolutionary tradition, the ex-presidents of the university include Zhang Lan and Wu Yuzhang, and the cream of its graduates includes Zhu De, Guo Moruo and Ba Jin.

After the founding of the People's Republic of China, the government carried out, in 1952, a nationwide readjustment of colleges and universities with the aim to promote higher education and quicken the training of personnel with specialized knowledge and skill by polling the country’s manpower and material resources. In order to fit in with the development of modern scientific technology, in April 1994, the former Sichuan University and Chengdu University of Science & Technology (both used to be the key universities under the administration of the former State Education Commission) merged into Sichuan Union University which was renamed Sichuan University in Dec. 1998 at the decision of the State Education Ministry.

In the course of over 100 years, Sichuan University has built up a glorious revolutionary tradition, laid a solid foundation for education and developed a unique
school style of learning as seek truth with creative work. Sichuan University is now marching towards the new century in a brand-new manner.
Eximious Schoolfellow

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College of Economics
College of Law
College of Foreign Languages
College of Arts
College of Mathematics
College of Physical Science and Technology
College of Chemical Engineering
College of Life Sciences
College of Electronics and Information Engineering
College of Computer Science
College of Software Engineering
College of Material Science & Engineering
College of Polymer Science and Engineering
College of Manufacturing Science and Engineering
College of Electrical Engineering and Information Technology
College of Architecture and Environment
College of Hydraulic and Hydraul-electric Engineering
College of Chemical
College of Light Industry
College of Medicine
College of Public Health
College of Pharmacy
College of Business
College of Politics
College of History and Culture
The College of Economics, Sichuan University (CESU) was founded in Nov. 1985 with the approval of the State Commission of Education. Its predecessor is the Department of Economics of Sichuan University, a department with a history of nearly 100 years.

CESU is composed of 5 departments: the Departments of Economics, National Economic Management, World Economy & Trade, Finance, Public Finance & Taxation and 12 research institutes, including the Institutes of World Economy, Southeast Asia, Taxation and Economics, etc. Among the 145 faculty members 21 are professors (11 supervisors of Ph.D. candidates) and 51 are associate professors.

CESU aims at training senior specialists in both economic theories and applied management expertise, and is distinguished by its advantages in both teaching and research on economic theories. CESU also boasts its strength in the areas of price, world economy, regional economy, macro-economy, real estate, finance and corporation mechanism. CESU has a well-integrated curriculum structure characterized by focusing on master and Ph.D. programs, and consolidating undergraduate studies. At present CESU is offering 2 Ph.D. programs in political economics and world economics, 11 master programs and 5 undergraduate programs with 1,756 students in total.

CESU is equipped with advanced facilities for teaching and research. It has a PC lab, a number of multimedia classrooms and more than 60 office computers linked to the network center of the University. Its library has a collection of more than 200,000 Chinese books, 150,000 foreign books and EU documents plus 400 odd professional journals.
In addition to its achievements in academic research, CESU is also active in international academic exchanges and cooperation. It is one of the partners of the Sino-EU Cooperation Program in Higher Learning and also one of the 5 EU funded information centers in China. Up to now CESU has established academic exchange and cooperative research programs with a dozen of well known foreign universities in U.S.A., Canada, Germany, France, Britain, Belgium, Greece, Australia and Japan, etc.
世界经济与管理国际研讨会
德国不莱梅应用科技大学—四川大学经济学院
## Programs Offered

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<td>Bachelor</td>
<td>Economics</td>
<td>To foster advanced compound talents with basic theoretical knowledge and practice of economics and high ability of comprehensive economical management, able to analyze and solve problems with modern technique.</td>
<td>Western Economics</td>
</tr>
<tr>
<td>International</td>
<td>Economic Cooperation</td>
<td>To cultivate advanced talents with fundamentals of Marxism Economics and basic knowledge of international economy and trade, who master the basic knowledge and skills of international trade, familiar with the accepted rules and conventions of international trade and policies and laws of China’s foreign trade; acquainted with the society and economy of major nations and regions in the world, thus can engage in trade, management, research and planning and publicizing in institute of foreign economy and trade, foreign companies and government organs.</td>
<td>International Competitive Bidding; Western Economics; International Economic Cooperation</td>
</tr>
<tr>
<td>Bachelor National Economy Management</td>
<td>To train qualified comprehensive economy managing talents who systematically master macro-economic law and management skills. Familiar with theory and measures of micro-economy and China’s economic policies and laws, the students can investigate, predicate, make decision and control by themselves.</td>
<td>Western Economics</td>
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<tr>
<td>Public Finance</td>
<td>To train advanced talents with both theories and practice of fiscal charges economics and modern fiscal charges management, and national assets management and financial managements. Well informed and sociable, the students can engage in theoretical research and operation of financial, tax, national assets, and enterprise management.</td>
<td>Western Economics</td>
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<tr>
<td>Finance</td>
<td>To cultivate advanced specialized talents systematically mastering theories and skills of finance. Familiar with China’s financial system, running mechanism and international finance, acquainted with the market of international finance, the students should master the methods of preventing financial risks, and theory and skills of insurance in finance.</td>
<td>Western Economics; Commercial Bank Management</td>
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<p>| Master Plutonomy | Orientations: Socialistic economic theory and practice, socialistic price theory and practice, studies of securities and investment, studies of enterprise system. | Contemporary Western Plutonomy |
| National Economy Orientations | Macro-economic control, Capital and Investment, Modern Economic Management | Socialistic Macro-economic Analysis and Control |
| Regional Economy Orientations | Development and Management of Regional Economy, Land Development and Town Construction, City Economy and Social Development, Real Estate Economy | Socialistic Macro-economic Analysis and Control |</p>
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<tr>
<th>World Economy</th>
<th>Main Courses: Theory and Practice of Socialistic Economy, Theory and Practice of Regional Economy, Structure and Policy of Regional Economy, Land Development and Town Construction, Lectures of City Economy and Social Development, Real Estate Economy, Lectures of Finance, Ecological Economy and Regional Sustainable Development</th>
<th>Theory and Practice of Regional Economy</th>
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<tr>
<td>World Economy</td>
<td>Main Courses: Theory of Contemporary Western Economics, Statistics of World Economy, Capital and Socialistic Economy, World Market and stratagem, World Economic Cooperation, Economy of European Union, Theory of International Finance, Theory of International Trade, Economy of South Asia, Economy of India, Modern History of India, Lectures of World Economy</td>
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<td></td>
<td>Contemporary Western Economics, Lectures of World Economy</td>
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<tr>
<td>Finance</td>
<td>Orientations: International Finance Theory, Monetary and Banking, International Financial Market, Insurance</td>
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<tr>
<td>Master</td>
<td>Hotspots and International Relations, International Law, International Organizations</td>
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<tr>
<td>International Relations</td>
<td>Orientations: Foreign Relations of Nations in South Asia, Relations between Nations in South Asia, Relations between Big Countries</td>
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<tr>
<td>Main Courses: International Relations, Comparative Studies of Western International Relation Theory, Modern History of International Relations, Modern History of China’s Foreign Relations, International Politics, Relations between Big Countries, Relations between Nations in South Asia, World</td>
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<tr>
<td>Theory of Socialistic Economy</td>
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<td>International Relations</td>
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<td>Comparative Studies of Western International Relation Theory</td>
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<tr>
<td>Course Title</td>
<td>Focus Areas</td>
<td>Main Courses</td>
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<tr>
<td>Industrial Economics</td>
<td>Orientations: Theory and Practice of Industrial Economics, Trade Economy and Market Price</td>
<td>Lectures of Industrial Economy, Lectures of Industrial Policy, Lectures of Industrial Economy, History of Economic Ideology, Lectures of Latest Industrial Economics</td>
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International Comparative Bidding, Theory of Western Economics
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<table>
<thead>
<tr>
<th>World Economy</th>
<th>Orientations: Theory and Practice of World Economy, Theory and Practice of Transnational Management, Economy of South Asia, International Financial Theory</th>
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<tr>
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<td>Main Courses: Theory and Practice of International Finance, Economy of South Asia, Theory of World Economy, Theory of Transnational Company</td>
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International Financial Theory
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<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Title</th>
<th>Area</th>
<th>Education</th>
<th>Contact</th>
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<tbody>
<tr>
<td>1</td>
<td>Du Kentang</td>
<td>Professor</td>
<td>Development of regional economy</td>
<td>B.A. SCU</td>
<td>8613 2338</td>
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<tr>
<td>2</td>
<td>Liao Junpei</td>
<td>Professor</td>
<td>Macro-economic analysis</td>
<td>M.A. SCU</td>
<td>8541 5562</td>
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<tr>
<td>3</td>
<td>Yang Jirui</td>
<td>Professor</td>
<td>Development of urban and rural land property, real estate development, business management, economic theory</td>
<td>Ph.D. SCU</td>
<td>8541 5453</td>
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<tr>
<td>4</td>
<td>Li Tiande</td>
<td>Professor</td>
<td>World economics, international finance, economy of EU, labor &amp; social security</td>
<td>Ph.D. SCU</td>
<td>8541 7859</td>
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<tr>
<td>5</td>
<td>Zhu Fangming</td>
<td>Professor</td>
<td>Corporation Mechanism, theory &amp; practice of socialist economy, development of small-sized cities &amp; towns</td>
<td>Ph.D. SCU</td>
<td>8547 1427</td>
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<tr>
<td>6</td>
<td>Wen Fude</td>
<td>Professor</td>
<td>Southeast Asian economy</td>
<td>M.A. SCU</td>
<td>8541 6453</td>
</tr>
<tr>
<td>7</td>
<td>Zhu Xinmin</td>
<td>Professor</td>
<td>Interaction between operation of multinational company &amp; development of regional industry</td>
<td>Ph.D. SCU</td>
<td>8546 0528</td>
</tr>
<tr>
<td>8</td>
<td>Zhang Heng</td>
<td>Professor</td>
<td>Theory and practice of price</td>
<td>Ph.D. SCU</td>
<td>8544 5230</td>
</tr>
<tr>
<td>9</td>
<td>Zhang Hongwei</td>
<td>Professor</td>
<td>Macroeconomics analysis, theory and practice of finance</td>
<td>Ph.D. SCU</td>
<td>13908011786</td>
</tr>
<tr>
<td>10</td>
<td>Yang Minghong</td>
<td>Professor</td>
<td>Industrial economics, regional economics</td>
<td>Ph.D. SCU</td>
<td>8540 6222</td>
</tr>
<tr>
<td>11</td>
<td>You Guangzong</td>
<td>Professor</td>
<td>Management of higher learning, corporate culture</td>
<td>B.A. SCU</td>
<td>8541 2011</td>
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<tr>
<td>12</td>
<td>Jiang Ying</td>
<td>Professor</td>
<td>Multinational operation and international investment, theory &amp; practice of international trade</td>
<td>Ph.D. SCU</td>
<td>8541 1169</td>
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<tr>
<td>13</td>
<td>Jiang Yongmu</td>
<td>Professor</td>
<td>Theory of socialist economy, on the socialist price</td>
<td>Ph.D. SCU</td>
<td>8691 1677</td>
</tr>
<tr>
<td>14</td>
<td>Li Yang</td>
<td>Professor</td>
<td>Market mechanism and government guidance &amp; control</td>
<td>M.A. Ohio State University, U.S. A.</td>
<td>8613 0631, 13708030104</td>
</tr>
<tr>
<td>15</td>
<td>Deng Ling</td>
<td>Professor</td>
<td>Regional economy and its management, management of human resource</td>
<td>B.A. Chengdu University of Electronic Science &amp; Technology</td>
<td>8554 1964</td>
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<tr>
<td>16</td>
<td>Jiang Heshen</td>
<td>Professor</td>
<td>Theory and practice of socialist price</td>
<td>M.A. SCU</td>
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<td>17</td>
<td>Deng Xiang</td>
<td>Professor</td>
<td>Macroeconomics</td>
<td>Ph.D. SCU</td>
<td>8541 7350</td>
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<td>18</td>
<td>Wang Yun</td>
<td>Professor</td>
<td>Macroeconomics, investment</td>
<td>B.A. SCU</td>
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<tr>
<td>19</td>
<td>Guan Zhongming</td>
<td>Professor</td>
<td>Business English</td>
<td>M.A. Sichuan College of Foreign Languages</td>
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<tr>
<td>Serial No</td>
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<td>Field of Study</td>
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<td>20</td>
<td>Wu Feng</td>
<td>Professor</td>
<td>Marketing, international business</td>
<td>M.A. SCU</td>
<td>8665 1257</td>
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<td>21</td>
<td>Xiao Cifang</td>
<td>Professor</td>
<td>World economy and trade</td>
<td>M.A. SCU</td>
<td>8541 1848</td>
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</table>
College of Law

School of Law SCU was originally named Sichuan Political and Law School, with a history of more than 100 years. It offers doctor program in Procedure Law, master programs in Criminal Law, Civil and Commercial Law, Demology, and Jurisprudence as well. There are now 59 teachers, including 12 professors and 21 associate professors, among whom over 20 are tutors of postgraduates and 2 tutors of Ph.D. candidates and 1093 undergraduates. It has trained more than 2800 graduators since its resumption in 1983, among whom 58 have passed the postgraduate entrance exam and 15 have become doctoral students in recent years. The teachers have carried out 312 national and provincial projects and published 70 volumes of works (including test books and reference books) and 1000 academic articles. They have won over 50 national and provincial prizes. The School of Law attaches importance to academic communications both at home and abroad. It has set up a long-term inter-school relationship with Washington University, Columbia University, and Saint Louis University in America well as some universities in Japan and Russia. It has offered a layers?training base. It will continue to carry on the good traditions of study and research to educate the new type and high-quality talent. The School has the following sub-divisions: Department of Law, research office of demology, research office of jurisprudence; research office of constitutional and administrative law, research office of criminal law, research office of civil and commercial law, research office of procedure law research office of international law, Chuanda Law office, law research office, research center of comparative law, research center of intellectual property, research center of judicial reform and research center of South China marine law.

Faculty Members (Prof.)

Specialty Offered
College of Law

Faculty Members (Prof.)

Wang Jianping: Professor, LL.D. in program, Tutor of graduate students in Civil and Commercial Law. Professor Wang studied for LL.M at the Graduate School of Jilin University since the September of 1983, and was conferred LL.M. He teaches graduate students courses: A General Survey of Civil Law, Law of Rights Over Things, Roman Law, Studies on Security Law and Studies on Special Subjects of Civil and Commercial Law.

Zuo Weimin: Professor, LL.D, Tutor of Doctoral Students in Procedure Law. Professor Zuo studied at Law Department of Southwest University of Politics and Law Science from 1981 to 1988 and 1995 to 1999, and was conferred LL.B, LL.M and LL.D. He was promoted to be professor exceptionally in 1994. His main research fields include Criminal Procedure, Civil Procedure and Judicial System.

Long Zongzhi: Professor, LL.D, Tutor of Doctoral Students in Procedure Law. Professor Long studied for his LL.M. and LL.D. at Southwest University of Politics and Law Science. Professor Long, a senior colonel, used to be vice president of the Military Procuratorate of Chengdu Military Region. He was engaged as professor of Sichuan University and Director of Law Research Institute. His main research fields include Criminal Procedural Law, Evidence System and Judicial System.

Xiang Chaoyang: Professor, LL.M. Tutor of Graduate Students in Criminal Law. Professor Xiang studied for his LL.M. at Sichuan University after graduating from Southwest University of Politics and Law Science. He stayed to teach after his graduation. His main research fields include: China Criminal Law and Economic Criminal Law. He was promoted to be associate professor in 1994 and professor in 1999.
Li Ping: Professor, Doctorate in program, Tutor of graduate students in civil and commercial law. LL.B Southwest University in Politics and Law Science. Professor Li graduated from a teachers’ program on international economic law in People’s University of China, and a teaching assistants’ program on civil law and economic law in Wuhan University. He was a visiting scholar to Hong Kong University. He has been a teacher in Law Department of Sichuan University since 1984, and was promoted to be professor in 2000. His main research fields include Economic Law and Commercial Law. He teaches undergraduates: Economic Law, Commercial Law, Company Law and Contract Law, and graduates: A general Survey of Commercial Law, A General Survey of Law of Obligation, Studies on Company Law and Studies on Special Subjects of Economic Law.

Chen Yongge: Professor, LL.M. Tutor of Graduate Students. Professor Chen studied at Southwest University Politics and Law Science from 1979 to 1983. After his graduation, he was engaged as a teaching assistant at Mid-South University and director of State Law Teaching and Research Section. He studies for master degree in procedure law at Southwest University of Politics and Law Science in 1984 and has taught in Law Department of Sichuan University since he graduated in 1987. He was promoted to be professor in 1999. He teaches Procedural Law, Evidence Law and Administrative Law.

Chen Kangyang: Professor, Tutor of Graduate Students in Legal Logics. Professor Chen studied at Southwest University of Politics and Law Science, and has taught in Law Department and Philosophy Department of Sichuan University after graduation. He was vice president of the Standing Committee of Chengdu People’s Congress from the November of 1988 to the June of 1998. He taught in St. Louis University and Washington University in 1989. He has been vice chairman of Chengdu Political Consultative Committee since the June of 1998.

He Jingxi: Professor, Master, Tutor of Graduate Students in demographics. Professor He studied foreign language in Chongqing Teachers’ College, and studied for master degree in foreign issues research at Yunnan University. He has taught Sociology, Labor Capital Theory, Theory and Methods of Investigation and Research etc. at the Institute of Population Research of School of Law SCU. His main research fields include Exploitation of Labor Capital and National Population. He was promoted to be professor in 1996.

Li Zan: Professor, Doctorate in program. Tutor of Graduate students. Professor Li studied at Law Department of Southwest University of Politics and Law Science.
from 1980 to 1984 and has taught at Law Department of Sichuan University since 1984. He teaches Jurisprudence, History of Law etc. He was promoted to be associate professor in 1994 and professor in 2001.

**Yang Suiquan:** Professor, LL.M, Tutor of Graduate Students in Civil and Commercial Law. Professor Yang studied at Law Department of Southwest University of Politics and Law Science, and continued to studied for master degree in civil and commercial law at Southwest University of Politics and Law Science. He has taught in Law Department of Sichuan University since 1997, and was promoted to be professor in 1998. He teaches Civil Law, Comparison of Civil and Commercial Law, Real State Law and Marriage Law. His main research fields include Marriage and Family Law, Civil and Commercial Law.

**Tang Lei:** Professor, LL.D. Tutor of Graduate Students in Procedural Law. Professor Tang studied in Southwest University of Politics and Law Science from 1982 to 1986, and was conferred LL.D at Law Department of Wolnish University. He has taught Investigation, Criminology. His main research fields include Criminology, Investigation and Judicial Authentication. He was promoted to be professor in 1997.

**Zhou Wei:** Professor, LL.D. Tutor of Graduate Students. Professor Zhou was conferred LL.M in Southwest University of Politics and Law Science in June 1988 and LL.D in Wuhan University in June 1998. He has had professions such as worker, peasant, soldier and functionary, vice president of Comprehensive Department of Law Committee, Sichuan People? Congress. He is serving in Law Faculty of Sichuan University presently. His main research fields include Constitution and Administrative Law.
College of Law

Specialty Offered

The College of Law offers law specialty presently, of which the goal of is to train all-round senior professionals with higher comprehensive qualities and basic theoretical accomplishment and knowledge of law, who know Chinese law well. Graduates can engage in law work and law education in law service organs such as law offices and notary offices, and legislative organs, procuratorates, courts, arbitration organs, enterprises and schools. This specialty offers students basic training in legal thinking and legal affairs; develops their good professional ethics and their basic ability to analyze problems by legal theory and methods, and administrate affairs and solve problems through basic theory and knowledge of law. Graduates are supposed to acquire the following knowledge and ability: basic theory and knowledge of law; basic analysis methods and technologies of law; the frontier law theory and the trend of the legal system construction in China; Chinese law and related policies of PRC; the ability to find out and solve problems by means of law; the ability to use one foreign language comprehensively; computer operation; the basic method to research literature and inquire materials; the ability to express proficiently in oral and written form and the ability to research and practice.

Bilingual subjects for LL.B and LL.M : History of Foreign Legal Thought; Commercial Paper Law; Torts; International Economical Law and International Law.
College of Foreign Languages consists of five departments along with a number of Centers that carry out teaching, research and public service missions. The departments are English Department, Japanese Department, Russian Department, French and German Department, and Department of Foreign Languages for Non-language Majors. The centers are European Studies Center, American Studies Center, Canadian Studies Center, Japanese Studies Center, French Studies Center, Language Training Center, and Multi-media Teaching and Research Institute. English Department provides BA, MA and PH.D programs and Japanese Department and Russian Department provide BA, MA programs. Department of Foreign Languages for Non-language Majors undertakes foreign language training to non-language majors of the whole university.

The College is distinguished for its well-qualified faculties and is widely recognized for its academic establishments. It has developed a wide and stable academic exchange with universities and colleges both at home and abroad.
# College of Foreign Languages

## Programs Offered

<table>
<thead>
<tr>
<th>Major</th>
<th>Programs</th>
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<tr>
<td>English</td>
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<tr>
<td>Japanese</td>
<td>BA, MA</td>
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<tr>
<td>Russian</td>
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<tr>
<td>French</td>
<td>BA</td>
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[Back](#)
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Academic Area</th>
<th>E-mail</th>
<th>Degree</th>
<th>Universities to Graduate from</th>
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<tbody>
<tr>
<td>Chuan Wen</td>
<td>Professor</td>
<td>American Literature</td>
<td></td>
<td>BA</td>
<td>Sichuan International Studies U.</td>
</tr>
<tr>
<td>Zehui Feng</td>
<td>Professor</td>
<td>American Culture</td>
<td><a href="mailto:zhfeng@scu.edu.cn">zhfeng@scu.edu.cn</a></td>
<td>BA</td>
<td>Sichuan U.</td>
</tr>
<tr>
<td>Jian Shi</td>
<td>Professor</td>
<td>American Culture</td>
<td><a href="mailto:jishi@scu.edu.cn">jishi@scu.edu.cn</a></td>
<td>PH.D</td>
<td>Lehigh U. U.S.A</td>
</tr>
<tr>
<td>Kui Long</td>
<td>Professor</td>
<td>English Teaching</td>
<td></td>
<td>MA</td>
<td>WestChina U. Of Medical Sciences</td>
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<tr>
<td>Shuyu Wang</td>
<td>Professor</td>
<td>Japanese Linguistics</td>
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<tr>
<td>Hui Zhu</td>
<td>Professor</td>
<td>Translation Studies</td>
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<tr>
<td>Xianhong Wu</td>
<td>Professor</td>
<td>English Teaching</td>
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<td>Sichuan University</td>
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<tr>
<td>Wuneng Yang</td>
<td>Professor</td>
<td>German Literature</td>
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<td>MA</td>
<td>China Academy of Social Science</td>
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<td>Zhongrong Chen</td>
<td>Professor</td>
<td>English Teaching</td>
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<td>BS</td>
<td>Sichuan U.</td>
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<tr>
<td>Wangsheng Qiu</td>
<td>Professor</td>
<td>English Teaching</td>
<td><a href="mailto:billgiu@wcums.edu.cn">billgiu@wcums.edu.cn</a></td>
<td>MA</td>
<td>Sichuan U.</td>
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<tr>
<td>Limin Liu</td>
<td>Professor</td>
<td>English Linguistics</td>
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<td>MA</td>
<td>Sichuan International Studies U.</td>
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<tr>
<td>Jiao Li</td>
<td>Professor</td>
<td>Translation Studies</td>
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<tr>
<td>Weiding Zhang</td>
<td>Professor</td>
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<td>MA</td>
<td>Sichuan U.</td>
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<td>Yi Li</td>
<td>Professor</td>
<td>English Literature</td>
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<tr>
<td>Gang Deng</td>
<td>Professor</td>
<td>English Teaching</td>
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<td>Biguo Lin</td>
<td>Professor</td>
<td>Canadian Culture</td>
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<td>Sichuan U.</td>
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<td>Decheng Yuan</td>
<td>Professor</td>
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<td>Youchang Zeng</td>
<td>Professor</td>
<td>English Teaching</td>
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<tr>
<td>Lei Sun</td>
<td>Professor</td>
<td>Russian Linguistics</td>
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<td>PH.D</td>
<td>Beijing International Studies U.</td>
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<td>Xilin Cheng</td>
<td>Professor</td>
<td>American Literature</td>
<td></td>
<td>MA</td>
<td>Sichuan U.</td>
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</table>
College of Arts

The College of Arts Sichuan University (CASU) consists of six departments that carry out our teaching and research. It was formally established in 1995. Young as it is, it centers round two principles: humanism and innovation. Owing to the comprehensive university, we can operate in all the essential areas involved in interdisciplinary studies and researches, which is not usually the case in other colleges of arts.

All of the six departments grant BFA to students, and offer MFA program in many areas. CASU is engaged in several research projects sponsored by the Chinese government, the National Ministry of Education and the provincial government. The result is significant and rewarding. Students of the Department of Music and Dance have participated in and won praise from the National Ceremony of the Chinese New Year, and the students of Fine arts have been awarded in various National art exhibitions.

The CASU considers it essential to have academic exchanges with prestigious overseas universities, and it has established exchange relationship with University of Tennessee (USA), the University of Waseta (Japan), and Arts Academy for Designers (Japan), etc. The College is committed to be more open and collaborative in the future. We welcome creative and intelligent students both from home and abroad, and we will provide them with an artistic and humanistic environment. Our mission is to develop CASU as one of the most distinctive and influential arts colleges both at home and abroad.
<table>
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<th>Name</th>
<th>Description</th>
<th>Degree</th>
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<td><strong>Department of Design</strong></td>
<td>To train innovative and creative artists by means of the educational method</td>
<td>Bachelor: Graphic Design,</td>
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<td>that combines the basic theory and knowledge of design with the professional</td>
<td>Environmental Design</td>
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<td>design technique.</td>
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<td>Sculpture and Fresco Design</td>
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<td>Vision Communication Design</td>
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<tr>
<td><strong>Department of Painting</strong></td>
<td>To train qualified students who have Chinese and foreign arts history</td>
<td>Bachelor: Chinese Traditional</td>
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<td>knowledge, the knowledge and skills of painting, and creative arts thought</td>
<td>Painting, Oil Painting</td>
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<td>and higher ability on painting creation and research.</td>
<td>Master: Chinese Traditional</td>
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<td>Painting, Oil Painting,</td>
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<td>Print Making, Calligraphy</td>
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<tr>
<td><strong>Department of Art History</strong></td>
<td>The earliest professional department about the arts history in a comprehensive university in Central and West China. To educate qualified teachers and researchers in the fields such as history research of fine arts, fine arts education, etc.</td>
<td>Bachelor: Art History,</td>
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<td>Master: Theory of Arts,</td>
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<tr>
<td><strong>Department of Performance</strong></td>
<td>Based on realism and the combination of the aesthetics principles of traditional Chinese drama with the experience of artistic cream and the education of drama, it trains qualified talent with modern aesthetic consciousness, the basic theory and strong professional basic knowledge.</td>
<td>Bachelor: Theatre performance, Acting</td>
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<td>Master: Research of acting</td>
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<tr>
<td><strong>Department of Music and dance</strong></td>
<td>Relying on the advantage of the comprehensive university, breaking the unitary teaching pattern, and combining music composition with dance teaching, performance, director and research, to make students develop in many fields and subjects. And to train special talent with professional qualities, solid theoretical basis, strong ability in artistic practice and research.</td>
<td>Bachelor: Dance and performance, Music and performance</td>
</tr>
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<td>Master: Research of Music and Dance, Research of Southwest Ethnic Music and Dance</td>
</tr>
<tr>
<td>Department of Director</td>
<td>It mainly trains senior talent with professional knowledge of the aspects such as broadcasting, the film producing and television programs so that they can engage in the jobs such as producing or directing broadcasting, film and television programs, application of 2D and 3D animation and can work in colleges and research units.</td>
<td>Director of movie and TV Animation and Research of Writing and Directing</td>
</tr>
</tbody>
</table>
College of Arts
Faculty Members

Department of Design
Chen Xiaolin, male, associate professor, Bachelor of Wuxi Light Industry Institute.
Major research interests: design (packing design); combined pattern of the artistic
expression and technique; relation between design and market demand; humanity
solicitude expression, etc.
Mobile: 13,308,061,735.
E-mail: XL1@xiaolin-design.com.

Hu Shaozhong, male, associate professor and the tutor of graduate students.
Bachelor of Sichuan Fine Arts Institute in 1982. Many of his design works awarded
gold and silver prizes in national decoration design competitions. His Packing
decoration design works won the international golden award “the star of world” in
1996, and was honored “ Chinese excellent designer” of the year 2000.
Tel: 83230083.

Tang Zhixing, male, associate professor, tutor of graduate students. Bachelor of
Sichuan Fine Arts Institute in 1982. Research interests: landscape design, sculpture
design and interior design and mural painting.
Tel: 85,412,124

ZhangSu, male, Master, associate professor, graduated from Japan. Research
interests: arts design, poster design, books binding and layout. Publications: Vision
Communication Design, Editor Design.
Tel: 13,709,053,854. E-mail: Zhangsu@mail.sc.cninfo.net.

Department of Painting
Duan Qiding, male, professor, painter of Chinese landscape painting, tutor of
graduate students. Engaged in Chinese painting creation and teaching for many years. Works selected for the 6th, 7th and 8th National Arts Exhibition. Published 3 textbooks and a collection of personal paintings. Invited to give lectures and hold painting exhibition by the United States. Tel: 85,410,121

Hou Kaijia, male, professor, tutor of graduate students. Majored in the research of history of Chinese Calligraphy and Calligraphy creation. Works won the highest award of national exhibition. Publications: Selected Papers on Calligraphy of Hou KaJia and Selected Works on calligraphy of Hou KaJia. Tel: 85,417,573

Sunlin, male, professor, tutor of graduate students. Dean of the Painting Department. Graduated from Sichuan Fine Arts Institute in 1986. Mainly engaged in the educational and Chinese painting creation. Many works selected for the national exhibition and won several awards. Some works collected by Chinese Pinacotheca. Books include: Chinese Flower and Bird Painting in Fine Brush Style, and Sketch. Tel: 85,461,685

Cheng Chonglin, male, professor, tutor of graduate students. From 1971 to 1986, studied in Arts Training School of Chengdu, Sichuan Fine Arts Institute and Central Academic of Fine Arts. Once taught in Sichuan Fine arts Institute, Central Academy of Fine Arts and Osnabrück University in Germany. Judge of the first and second “Chinese Oil Painting Show.” Now lives in German. Member of the Chinese Artist Association. Masterpieces are: “Snow on × Day × Month × Year”, “Summary Night in 1978”, “The People Attending a Funeral”, etc.

Xu Zhongou, male, associate professor, artist of print making. Member of the Chinese Artist Association, member of Chinese Artist of Print Making Association, associate director of Artist of Print Making Association, director of Artist of Print Making Association of Chengdu, dean of Print Making School in Chengdu, and visiting professor to the Arts College of Maryland in America. Won “Luxun Creation Award” from the Chinese Print Making Association. Many print making works collected by the Chinese Art Gallery and Britain Museum.

Hegong, male, professor. Studied traditional fine arts of China from 1978 to 1985. Master of oil painting. In 1986, studied in America. Guest professor of Tennessee University of American. Tel: 13,688,429,379; E-mail: Nongshi@hotmail.com.

Mizheng, male, associate professor, tutor of graduate students, dean of Department of Design. Engaged in painting, sculptural research and education of fine arts.
Department of Art History

Huang Zhongxian, male, post-doctor of arts history, professor, tutor of graduate students, tutor of Ph.D. candidates. Dean of the College of Arts in Sichuan University. Member of the Chinese Artist Association, member of Chinese National Arts Educational Committee, member of Arts Teaching Guidance of Education Committee of Chinese Ministry of Education and chairman of Sichuan Artist Association. Engaged in research and the teaching of Chinese arts history and theory for a long time. Offers courses for graduate students and undergraduate students: the Chinese history of fine arts, aesthetics of arts, fine arts methodology, design outline, etc. Made great achievements in the aspect of theory of history about fine arts, and undertaken projects on social science supported by the Ministry of Education. Published a large number of academic monographs, and produced great social influence. Some accomplishments, especially in the fields such as the Chinese modern history of fine arts and theory of fine arts have filled in academic research gap. Tel: 85,462,216

Luding, male, master, associate professor, tutor of graduate students. 1992-1994, professor of Waseta University in Japan. Guest professor of Research Institute of the Cultural Studies of the Yangtze Valley of Waseta University. Major research interests: the Chinese history of fine arts, the fine arts archaeology. Tel: 85,462,662

GeSang Yixi, male, professor, tutor of graduate students, national first-class artist. Graduated from Sichuan Fine Arts Institute. Engaged in the research of folk fine arts and generality of Tibet Buddhism fine arts. More than 100 works selected for painting exhibition. Some 20 works awarded. Published 25 papers. Monograph: History of Fine Arts of Tibet. Tel: 85,460,462


Department of Performance
Xu Haiyan, graduated from the Department of Performance of Shanghai Drama Institute in 1982, the first class actor, professor. Teaches courses: fundamentals of acting, basic techniques for creating a role, building a character. Published papers: “Performance Definition” and “Role Positions”. Presides over the project supported by the Ministry of Education “TV series on university quality education.” Acted and directed a lot of films, among which “A Lucid Stream” won “the Excellent Film” award of the State Ministry of Education. Tel: 87,331,085


Department of Dance and Music
Yang Xiangdong: first-class actor, professor, and dancer. Won special actor award on “the 12th International Festival of Arts of Carthage” in Tunisian. On the 2nd National Dance Competition, won the second prize director award and the second prize for performance. On the National Minority Dance Competition, won the special award for solo dance, dance for 2 people and 3 people respectively. On the arts festival of “the 12th Spring of the April” in Korea, won the gold award. Tel: 85,401,030

Zhangping, female, professor, graduated from Central Drama Institute, national first-class actor. Engaged in dance performance and dance teaching for 30 years, and honored as the figure of “setting up the milestone of the performance of Chinese dance drama”. Published 10 papers on dance performance, comment on dance and dance teaching: “Dance”, “Dance Theory”, “The Information of Dance”, etc. Tel: 87,035,195; E-mail: Zouxianp@mail.sc.cninfo.net.

Yang Xifan: male, associate professor. Bachelor of the Piano Department Sichuan Conservatory, and master of the Philosophy Department Sichuan University in 2003. Research interests: philosophy of arts, musicology, and piano performance. Published more than 10 papers, such as “Philosophical Thinking upon the Modern Music Aesthetics and Expressionism”, “The Armous-dance in rgyal-rong area of Sichuan and Tibetan Buddhism”, “On the Style Formation and Modernization Development of the Music of “baishaxiyue” in Lijiang”, “Lijiang’s Dongjing Music within the Horizon of the Regional Culture”, “An Evolution of Western Music Concept from the View of Ideology History from Plato to Nietzsche”. Tel: 85,410,913. E-mail:
College of Mathematics

The College of Mathematics, Sichuan University, initially named College of Arithmetic, Sino-West Institute, was founded in 1896. It is famous for “meticulous scholarship, rich cultural heritage, outstanding academic environment and excellent education programs” both at home and abroad. A great number of renowned mathematicians have graduated from here since its establishment. Under the strong leadership of Academicians, Prof. Zhao KE and Prof. Ying-Ming LIU, and thanks to the hardworking of the staff members, the College of Mathematics nowadays has a complete system of higher education in mathematics, offering academic degrees from bachelor to Ph.D. in a wide variety of research fields.

The College of Mathematics is one of the key members of the National Research Center for Higher Education and High Level Professional Training. The Pure Mathematics and Applied Mathematics programs are listed in the National Key Disciplines and the Key Disciplinary Areas of the National Project 211. The Mathematical Training Base of the College of Mathematics is nominated the National Excellent Training Base. Furthermore, the Ministry of Education of China ranks its Ph.D. program the first class. The College also offers Post-doctoral Fellowship and three positions of Yangtze Scholarship Special Professor in pure mathematics, applied mathematics and OR & Control theory. The Laboratory of Information Mathematical Technology and The Laboratory of Intelligent Systems (Joint with College of Computer Science) are Key Laboratories of Sichuan Province. In addition, the College of Mathematics has two Provincial Training Bases in Information & Computation Science and Probability & Statistics respectively.

The College of Mathematics has a strong team of faculty members with diverse research interests and outstanding expertise. The faculty members include old generation mathematicians who are internationally recognized, middle-aged mathematicians who are making important contributions to the research and
education and many young scholars on the horizon in the field. The research areas of the faculty members cover almost all branches in pure and applied mathematics, such as topology and its application, differential geometry, number theory, algebra, differential equations and dynamical systems, mathematical logic, numerical analysis, probability and statistics, operational research and optimization, control theory, financial mathematics etc. Numerous creative research papers, textbooks and monographs have been published by the faculty members.
College of Mathematics

Programs Offered

1. Bachelor of Science

Pure Mathematics and Applied Mathematics
The objective of the program is to equip the students with systematic and solid knowledge of theories and methods in mathematics, so that they have the ability to solve practical problems by using mathematics and computers, and eventually become experts of scientific decision-making in science, technology and business.

Statistics
The purpose of the program is to enable the students to become experts in Probability and Statistics with solid mathematical background.

Information and Computation Science
The objective of the program is to equip the students with solid mathematical basis as well as fundamental theories and methods in Information and Computational Science. The students participating in the program are able to work in the fields such as scientific computation, software development, system maintenance, information analysis and control, high-tech facility management and planning etc.

2. Master of Science and Ph. D. (**)

Pure Mathematics
Main research areas: Topology, Differential Geometry, Algebra, Functional Analysis and Number Theory etc.

Applied Mathematics
etc.

Probability and Statistics
Main research areas: Processing of Random Signals, Medical Statistics, Statistics in Social Science etc.

Operation Research and Control Theory
Main research areas: Fuzzy Control, Functional Control, Operation Research etc.

Computational Mathematics
Main research areas: High Performance Numerical Methods, such as High Performance Finite Element Methods, methods of reducing high dimensional problems to low dimensional problems, Optimized Algorithms etc.
<table>
<thead>
<tr>
<th>Name</th>
<th>Academic Title</th>
<th>Major</th>
<th>Research Areas</th>
<th>Degree</th>
<th>University</th>
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<tbody>
<tr>
<td>Ying-Ming Liu</td>
<td>Academician</td>
<td>Mathematics</td>
<td>Topology, Fuzzy Topology</td>
<td>BSc</td>
<td>Dept. of Mathematics and Mechanics, Peking Univ.</td>
</tr>
<tr>
<td>Anmin Li</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Differential Geometry, Sympletic Topology and Geometry</td>
<td>Ph. D</td>
<td>Dept. of Mathematics, Peking Univ.</td>
</tr>
<tr>
<td>Zhongfu Li</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Fuzzy Mathematics</td>
<td>MSc</td>
<td>Dept. of Mathematics, Sichuan Univ.</td>
</tr>
<tr>
<td>Maokang Luo</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Topology, Fuzzy Topology</td>
<td>Ph. D</td>
<td>Dept. of Mathematics, Sichuan Univ.</td>
</tr>
<tr>
<td>Jihua Liang</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Topology, Fuzzy Topology</td>
<td>MSc</td>
<td>Dept. of Mathematics, Sichuan Univ.</td>
</tr>
<tr>
<td>Dexue Zhang</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Topology, Fuzzy Topology</td>
<td>Ph. D</td>
<td>Dept. of Mathematics, Sichuan Univ.</td>
</tr>
<tr>
<td>Liangang Peng</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Representation Theory of Algebra</td>
<td>Ph. D</td>
<td>Dept. of Mathematics, Beijing Normal Univ.</td>
</tr>
<tr>
<td>Guosong Zhao</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Differential Geometry</td>
<td>BSc</td>
<td>Dept. of Mathematics, Sichuan Univ.</td>
</tr>
<tr>
<td>Qi Sun</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Number Theory</td>
<td>BSc</td>
<td>Dept. of Mathematics, Sichuan Univ.</td>
</tr>
<tr>
<td>Shaofang Hong</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Number Theory</td>
<td>Ph. D</td>
<td>Dept. of Mathematics, Sichuan Univ.</td>
</tr>
<tr>
<td>Falun Huang</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Functional Analysis and Control Theory</td>
<td>BSc</td>
<td>Dept. of Mathematics, Sichuan Univ.</td>
</tr>
<tr>
<td>Guangfu Cao</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Functional Analysis and Control Theory</td>
<td>Ph. D</td>
<td>Dept. of Mathematics, Jilin Univ.</td>
</tr>
<tr>
<td>Congquan Yan</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Functional Analysis and Control Theory</td>
<td>Ph. D</td>
<td>Dept. of Mathematics, Sichuan Univ.</td>
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<tr>
<td>Name</td>
<td>Position</td>
<td>Department</td>
<td>Field of Study</td>
<td>Degree</td>
<td>Institution</td>
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<tr>
<td>Nanjing Huang</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Operation Research and Optimization, Financial Mathematics</td>
<td>Ph. D.</td>
<td>Dept. of Mathematics, Sichuan Univ.</td>
</tr>
<tr>
<td>Zhuyu Li</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Financial Mathematics, Mathematical Economy</td>
<td>Ph. D.</td>
<td>Dept. of Mathematics, Sichuan Univ.</td>
</tr>
<tr>
<td>Shuguo Zhang</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Mathematical Logic</td>
<td>Ph. D.</td>
<td>Dept. of Mathematics, Sichuan Univ.</td>
</tr>
<tr>
<td>Yunmin Zhu</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Applied Probability and Statistics in Information Science and Medical Science</td>
<td>BSc</td>
<td>Dept. of Mathematics and Mechanics, Peking Univ.</td>
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<td>Hong Ma</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Applied Probability and Statistics in Information Science and Medical Science</td>
<td>BSc</td>
<td>Dept. of Mathematics, Sichuan Univ.</td>
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<tr>
<td>Weinian Zhang</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Differential Equations and Dynamical Systems</td>
<td>Ph. D.</td>
<td>Dept. of Mathematics, Peking Univ.</td>
</tr>
<tr>
<td>Daoyi Xu</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Differential Equations and Dynamical Systems</td>
<td>BSc</td>
<td>Dept. of Mathematics, Sichuan Normal Univ.</td>
</tr>
<tr>
<td>Chunlai Mu</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Differential Equations and Dynamical Systems</td>
<td>Ph. D.</td>
<td>Dept. of Mathematics, Fudan Univ.</td>
</tr>
<tr>
<td>Tao L&quot;</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Numerical Analysis</td>
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<td>The 7-th Middle College of Chengdu</td>
</tr>
<tr>
<td>Xu Zhang</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Control of Partial Differential Equations</td>
<td>Ph. D.</td>
<td>Institute of Mathematics, Fudan Univ.</td>
</tr>
</tbody>
</table>
The Physics Branch of Sichuan University was established more than seventy years ago. The new College of Physical Science and Technology of Sichuan University was founded in July 2001, which includes Department of Physics, Department of Applied Physics, Department of Microelectronics, Department of Nuclear Science and Technology, Institute of Nuclear Science and Technology, Institute of Atomic and Molecular Physics, University Physics Education Center and University Physics Experiment Center.

The college is strong in teaching and research. In the past decades, the Department of Physics and has developed several new scientific and technological fields, such as the Electronics, the Photoelectronic Technology and the Material Science Departments. Being one of the largest colleges in the university and has made great contributions to the university’s developments. There are about 150 faculty members and 100 technicians, including 1 Academician, more than 50 professors and senior researchers. The college offers 4 undergraduate specialties, 8 master programs, 6 PhD programs and postdoctoral positions. Among the various research branches, one is evaluated as national key subject base; one ministerial key laboratory; three provincial key subject bases and three provincial key laboratories. It has established the Sichuan University Branch of on-line co-research center of nuclear science and technology of the National Education Ministry. The two courses, “General Physics” and “General Physics Experiment”, have been pointed as key courses of Sichuan Province. In 1999, the college became the first physics talent-training base in Sichuan.

The college has a variety of equipments and enough teaching and research space such as 1.2-meter cyclotron, 2.5 MeV electrostatic accelerator, 600 KV ion electron accelerator, multipurpose high-resolution atomic collision equipment, second grade hydrogen canon, high temperature shock wave tube, instantaneous spectrometer, laser systems, IC processing system and Cadence IC design software.

In the past years, the college has won 170 national, provincial, ministerial and
municipal research awards, 20 national invention patents, more than 20 outstanding teaching awards, published more than 4000 papers in international and national journals, more than 120 text books and monographs.

In recent years, the number of SCI and EI selected papers has come out in front in the university. Right now the college has fifty national, provincial and ministerial research projects, more than 10 million RMB research funds. Each year, in addition to the teaching and research task of about one thousand undergraduate, master and PhD students in physics, the college is responsible for the two basic courses of “General Physics” and “General Physics Experiment” for over 5000 students of the university in science, technology and medical science. Through these years, 700 graduate students, almost 10 thousand undergraduate students and 2500 junior college students have graduated. The college has offered various physics courses for over 200 thousand students of the university in other fields, developed education program for adults and network education.

In the meantime, the college is linked to Sichuan Physics Society, Chengdu Physics Society and Sichuan Medical Physics Society, providing solid basis for academic exchange, popular science education and talent training for national high school physics Olympic competition. The college also undertakes national journals: “Journal of Atomic and Molecular Physics”, “Chinese Journal of light Scattering” and “Physics Education and Discussion”.

The College has paid much attention to the cooperation and exchange with universities and institutes both at home and abroad. It has cooperative relation with International Atomic Energy Organization, Karolinska Institute of Sweden, Lanzl Institute of Medical Physics of Seattle USA, Kiev Nuclear Institute of Ukraine, Indiana University of USA, Chinese Academy of Science, China Academy of Engineering Physics and many universities in Hong Kong.

College Director: Professor Min Gong
College of Physical Science and Technology

Programs Offered

(Bachelor's Degree Programs):

Accounting
Administration
Administration of Human Resources
Administrative Science
Advertising
Agriculture Water Conserving Engineering
Applied Chemistry
Applied Physics
Archaeology
Architecture
Archival Science
Art Designing
Automation
Banking
Basic Medicine
Bio-engineering
Bio-medical Engineering
Biology
Biotechnology
Broadcasting & TV Journalism
Broadcasting & TV Script
Chemical Engineering & Technology
Chemistry
Chinese for Foreign Students
Chinese Language
Chinese Language & Literature
Civil Engineering
Clinic Medicine
Clothing Designing & Engineering
Communication Engineering
Computer Science & Technology
Dance
Drawing
Ecology
Economics
Editing & Publishing
Electronic Commerce
Electrical Engineering & Automation
Electronic Information Engineering
Electronic Information Science & Tech
Electronic Science & Technology
English
Engineering Management
Engineering Mechanics
Environmental Engineering
Environmental Science
Finance
Financial Management
Fine Arts
Foodstuff Science & Engineering
Forensic Medicine
French
History
Hydrology & Water Resources Construction
Industrial Engineering
Industry & Commerce Administration
Industrial Design
Information & Computational Science
Information Management & System
Information Security
Inorganic Nonmetal Materials Engineering
International Economy & Trade
International Politics
Japanese
Journalism
Labor & Social Guarantee
Laboratory Medicine
Landscape Architecture
Law
Land Resource Management
Library Science
Light Chemical Engineering
Marketing
Material Forming & Control Engineering
Materials Chemistry
Materials Physics
Mathematics & Applied Mathematics
Metallic Material Engineering
Measuring Technology & Equipment
Mechanical Designing Manufacturing & Automation
Medical Technology
Metallurgical Engineering
Micro-electronic
Museology
National Economic Management
Nuclear Engineering & Technology
Nursing
Performance
Pharmaceutical Engineering
Pharmacy
Philosophy
Photo Information Science & Technology
Physics
Polymer Materials & Engineering
Processing Equipment & Control Engineering
Preventive Medicine
Public Affairs Management
Religion Studies
Russian
Security Engineering
Software Engineering
Statistics  
Stomatology  
Textile Engineering  
Thermal Energy & Power Engineering  
Tourism Management  
Urban Planning  
Water Conservancy and Hydro-power Engineering  
Water Supply & Sewerage Work  

(Master's Degree Programs):  

Accounting  
Administration  
Aetiology  
Analytical Chemistry  
Ancient Chinese History  
Ancient Chinese Literature  
Anesthesia  
Applied Chemistry  
Applied Mathematics  
Applied Psychology  
Archaeology and Museology  
Archival Science  
Art and Media  
Art Designing  
Atomic and Molecular Physics  
Basic Mathematics  
Banking  
Bio-Chemical Engineering  
Biochemistry and Molecular Biology  
Biological Physics  
Biomedical Engineering  
Botany  
Business Management  
Cell Biology  
Chemical Engineering  
Chemical Processing Machine  
Chemical Technology
<table>
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<th>Subject</th>
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<tr>
<td>Chemico Biology</td>
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<td>Chinese Language and Literature</td>
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<tr>
<td>Chinese Philosophy</td>
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<td>Classic Chinese Philology</td>
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<tr>
<td>Clinical Diagnostics</td>
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<tr>
<td>Clinical Medicine Combined Traditional &amp; western</td>
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<tr>
<td>Circuits and Systems</td>
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<tr>
<td>Civic Law of Private Operated Industry and Commerce</td>
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<td>Communication</td>
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<td>Communication and Information System</td>
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<td>Comparative Literature and World Literature</td>
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<td>Computational Mathematics</td>
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<td>Computer Application Technology</td>
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<td>Computer Software and Theory</td>
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<td>Computer System Structure</td>
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<td>Condensed State Physics</td>
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<td>Construction Management in Water Resource and Power</td>
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<td>Control Theory and Control Engineering</td>
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<td>Criminal Law</td>
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<td>Dermatology &amp; Venereology</td>
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<td>Electrical Machinery and Electrical Appliance</td>
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<td>Environmental Science</td>
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<td>Epidemics and Health Statistics</td>
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<td>Evidence Based Medicine</td>
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<td>Financial Mathematics and Econometrics</td>
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<td>Fine Arts</td>
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<td>Fluid Mechanics</td>
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<td>Foodstuff Engineering</td>
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<td>Foreign Languages and Applied Linguistics</td>
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<td>Forensic Medicine</td>
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Foreign Philosophy
Genetics
Gerontology
Green Chemistry
Health and Social Behavior
Historical Geography
Historical Philology
History Economy and Social Development of Tobentian Minority
Human Anatomy and Embryology
Hydraulics and River Dynamics
Hydro-Structural Engineering
Hydrobiology
Hydrology and Water Resources
Immunology
Industrial Catalysis
Information Security
Inorganic Chemistry
Internal Medicine
International Relations
Journalism
Land Resource Management
Leather Chemistry and Engineering
Library Science
Linguistics and Applied Linguistics
Literary Anthropology
Literature and Art Studies
Management Science & Engineering
Marxist Philosophy
Marxism and Political Education
Maternal & Child Health
Material Processing Engineering
Material Science
Materials Physics and Chemistry
Mathematics in Undeterministic Processing
Measuring Technology and Apparatuses
Measuring Technology and Automatic Apparatus
Mechanic Designing and Theory
Mechanic Electronic Engineering
Mechanic Manufacturing and Automation
Medicine for Aviation, Spaceflight & Ocean Navigation
Microbiology
Micro-Electronics and Solid Electronics
Microbiology and Biomedicine
Military Preventive Science
Minority Ethnic Group Languages
Modern and Contemporary Chinese History
Modern and Contemporary Chinese Literature
Motion Medicine
Nano-materials and Nano-technology
National Economics
Neurology
Neurobiology
Nuclear Technology and Application
Nursing
Nutrition and Foods
Obstetrics & Gynecology
Occupational Hygiene and Environmental Hygiene
Oncology
Operation and Logistics Management
Operational Research and Cybernetics
Ophthalmology
Optics
Oral Basic Medicine
Oral Clinical Medicine
Organic Chemistry
Otolaryngology
Particle Physics & Nuclear Physics
Pathology and Pathophysiology
Pattern Recognition and Intelligent System
Pediatrics
Pesticide
Pharmaceutics and Drug Analysis
Pharmaceutical Chemistry
Pharmacognosy
Pharmacy
Pharmacology
Physical Chemistry
Physical Education and Training Science
Political Economics
Physiology
Polymer Chemistry and Physics
Polymer Science and Engineering
Port and Coastal Engineering
Power and Electronic Techniques and Power Transmission
Procedural Law
Probability and Mathematical Statistics
Psychiatry and Mental Health
Public Finance
Radio Physics
Radiology
Radiology and Nuclear Medicine
Regional Economics
Rehabilitation & Physical Treatment
Religion Studies
Rock-soil Engineering
Signal and Information Processing
Social Medicine & Public Health Management
Sociology
Solid Mechanics
Special History
Structural Engineering
Surgery
Technological Economy & Management
Textile Chemistry and Dye Engineering
Theoretical Physics
Theory of History, Historiography
Tourism Management
Toxicology
Transplant Engineering
Water Conservancy and Hydro-power Engineering
World Economy
World History
Zoology
(Doctoral Degree Programs):

Aetiology
Analytical Chemistry
Ancient Chinese History
Ancient Chinese Literature
Anesthesia
Applied Mathematics
Archaeology and Museology
Art and Media
Atomic and Molecular Physics
Basic Mathematics
Biochemistry and Molecular Biology
Biological Physics
Bio-medical Engineering
Botany
Business Management
Cell Biology
Chemical Engineering
Chemical Technology
Chemical Processing Machine
Chemico Biology
Chinese Language and Literature
Classic Chinese Philology
Communication and Information System
Comparative Literature and World Literature
Computational Mathematics
Computer Application Technology
Condensed State Physics
Construction Management in Water Resource and Power
Cultural Critique
Development Biology
Ecology
Electrical System and Automation
Epidemics and Health Statistics
Evidence Based Medicine
Financial Mathematics and Econometrics
Fluid Mechanics
Forensic Medicine
Genetics
Green Chemistry
Health and Social Behavior
Historical Geography
Historical Philology
History Economy and Social Development of Tobentian Minority
Human Anatomy and Embryology
Hydraulics & River Dynamics
Hydro-Structural Engineering
Hydrobiology
Hydrology and Water Resources
Immunology
Information Security
Inorganic Chemistry
Internal Medicine
Leather Chemistry and Engineering
Literary Anthropology
Literature and Art Studies
Linguistics and Applied Linguistics
Materials Physics and Chemistry
Material Processing Engineering
Material Science
Maternal & Child Health
Mathematics in Undeterministic Processing
Mechanic Manufacturing and Automation
Medicine for Aviation, Spaceflight & Ocean Navigation
Microbiology
Microbiology and Biomedicine
Military Preventive Medicine
Minority Ethnic Group Languages
Modern and Contemporary Chinese History
Modern and Contemporary Chinese Literature
Nano-materials and Nano-technology
Neurobiology
Nuclear Technology & Application
Nutrition and Foods
Obstetrics & Gynecology
Occupational Hygiene and Environmental Hygiene
Oncology
Ophthalmology
Operational Research and Cybernetics
Optics
Oral Basic Medicine
Oral Clinical Medicine
Organic Chemistry
Otolaryngology
Pathology and Pathophysiology
Pediatrics
Pharmaceutical Chemistry
Pharmaceutics and Drug Analysis
Pharmacognosy
Pharmacology
Pharmacy
Physical Chemistry
Physiology
Political Economics
Polymer Chemistry and Physics
Polymer Science and Engineering
Port and Coastal Engineering
Probability and Mathematical Statistics
Procedural Law
Psychiatry and Mental Health
Radiology
Radiology and Nuclear Medicine
Religion Studies
Rock-soil Engineering
Solid Mechanics
Special History
Surgery
Toxicology
Transplant Engineering
Water Conservancy and Hydro-power Engineering
World History
Zoology
College of Manufacturing Science and Engineering

The College of Manufacturing Science and Engineering is one of the largest and the most comprehensive Colleges in Sichuan University. Its history could be traced back to 50 years earlier, but it was reintegrated not long ago to cover six departments: machine manufacturing, material molding engineering, measuring and control engineering, mechanical design and information engineering and industrial design, and two university centers: engineering training center and engineering design center.

The college has staff of 219, including 20 professors and 48 associate professors and researchers. Currently, over 1600 students are enrolled including 601 Master and PhD candidates.

There are four programs for Bachelor candidates, eleven and four for master and PhD candidates respectively. The machine manufacturing program, advanced manufacturing laboratory and human engineering laboratory are designated as the provincial program and laboratories respectively. There are 18 teaching groups and laboratories, modern design and manufacturing centers and seven research institutes: CAD/CAM, opto-electric research and application, composite materials, human engineering, CIMS, machatronic systems, non-traditional machining, modern design method. They provide a good base for teaching and research. The College has established an integrated personnel training and research system with distinctive features. Many disciplines and major fields have a decided superiority in the country. For instance, computer integrated manufacturing system (CIMS), non-traditional machining, robotics and control, intelligent and functional materials, composite materials, non-traditional casting system, super-precision measuring and super-finishing have taken a front rank position in China and have reached or come up to the advanced world standards.

In the past few years, more than 100 scientific and technical achievements have been identified, and most applied to industries. All national, provincial and ministerial prizes add up to 20. On average, the College takes on over 40 research programs...
and has more than 5 academic works published and 150 research papers a year. The College devotes considerable efforts to develop international academic exchanges. Since 1990, it has given more than 35 invitations to prominent foreign scientists to teach or conduct research, sent 30 students and visiting scholars abroad for advanced study, provided 45 opportunities for persons to go abroad to attend international conferences to present courses or lectures, and to join research programs. Two international academic conferences were held at the College in 1990 and 1995, respectively.

Contact:

Mail Address: College of manufacturing Science and Engineering, Chengdu (610065) Sichuan, P.R. China

E-mail: zhizao@scu.edu.cn

Tel: 086-028-85405317, 086-028-85405301, 086-028-85405302

Fax: 086-028-85405302

http://msec.scu.edu.cn

Programs Offered

Faculty Members

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Programs Offered

**B.Eng Degree**
- Mechanical design manufacture and automation, 
- Materials forming and controlling, 
- Measurement metrology technology and instrumentation 
- Industrial design

**Master Degree**
- Mechanical manufacture and automation 
- Mechatronics 
- Mechanical design and theory 
- Measurement metrology technology and instrumentation 
- Materials engineering 
- Vehicle engineering 
- Precision instrumentation and mechanics 
- Steel metallurgy 
- Metallurgy of non-ferrous metals 
- Biomedicine engineering 
- Man-machine and environment engineering

**Doctor Degree**
- Machine manufacture and automation 
- Mechanical design and theory 
- Measurement metrology technology and instrumentation 
- Materials engineering

Courses Offered for bachelor, master and doctor Programs

**B.Eng degree Programs**
Mechanical Design, Manufacture and Automation: Mechanical design, manufacture and automation offers four undergraduate programs: Mechanical Manufacture and Automation, Mechanical Design and Automation, Mechatronics Engineering and Automotive Engineering. A degree in Mechanical Engineering is the basis for a career in a profession which offers an extremely wide choice of employment. Mechanical Engineers are employed in most industries, not just in a technical capacity but in sales, marketing and in managerial roles.

Materials Forming and Controlling: It is a wide engineering specialty concerning involving mechanical engineering, materials engineering and computer science & engineering, etc. Students studying on this major will be trained and highly experienced in engineering materials, materials forming science and technologies, mould design and its manufacturing, computer applications, etc. There are 2 branches in this major, one of which is “materials forming” and the other is “mould design and its manufacturing”. It is known that “materials forming” is the basis of traditional and modern manufacturing, which plays a very important role in the make of machine parts and other objects in our ordinary life. “Mould engineering” is a symbol of the industrial developing level of a country and so the need for graduates of this field nowadays is going up rapidly in China. Graduates majoring in “materials forming and controlling” are well experienced in mechanical engineering, materials science and engineering and computer technologies, etc. and are capable of working in many fields such as mechanical engineering, material engineering, moulds manufacturing, electronic and electric engineering, measurement and testing, industrial management, etc.

Main courses: foundations of material science, materials forming theory and technologies, engineering materials, advanced functional material and its applications, advanced materials and their fabrications, materials testing and measurement, heat and mass transfer, modern surface engineering, foundations of moulds design, CAD/CAM/CAE of moulds manufacturing, materials for moulds, computer application in materials engineering, etc.

Industrial Design: Industrial design is a fringe discipline, which integrates science and technology with culture and art. It is a new type synthetic discipline absorbing the fruit of science, technology, culture, art and economy, involved in wide fields such as aesthetics, ergonomics, marketing, originality, technology. It includes three major parts: product design, visual communication design and environment design. Industrial design is different from traditional design of product function and customary product of art and decoration. Instead, it is a systematic synthetic creative process for exploiting product life all periods. It is a whole process aiming at consumption psychology and demand, bringing forward design conception, settling the problems of function, material, construction, configuration, color, surface disposal, decoration, process and package, covering product, circulation and consumption. The feature of this specialty in our university is product exploitation and figuration design basing on electronic product and large industrial product, computer aesthetics based on design and construction of homepage in internet and intranet. Industrial design is a common technology, which adapts to wide range. It also absorbs high and new technology, culture and art. Its core is originality. The industrial design department in Sichuan University came to existence in April 1999
and started to recruit undergraduates in September 1999. But we had achieved some research subjects such as computer assistant matching color system, blast furnace coal gas penetration generating electricity set and had cultivated a number of postgraduates in this direction before 1999. Presently, the teachers in this specialty not only accomplish normal undergraduate course teaching but take on a great deal of transverse and lengthways orientation research subjects. At the same time, our department enrolls postgraduates and engineering postgraduates in mechanism design theory and methodology specialty in industrial design direction as well as ergonomics and environment engineering specialty in ergonomics interface design and work environment suitable direction. We enroll 55 undergraduates and 20 postgraduates annually who must have a certain art foundation or aesthetic background.


Measurement Metrology Technology and Instrumentation: This program is involved in precision automatic measurement technology and instrument, sensors and intelligence technology, application of machine vision system. The main research characteristics are: practical engineering measurement problems, methods and theories being brought out by domestic manufacturing, the relevant measurement approaches and principle, research on measurement and control sensors with high precision and reliability, research on high precision measurement instruments in laboratory and on line used automatic measurement instruments in factories, expansion and research on new approaches and principles of measurement.


Master and Doctor Programs

Mechanical Manufacture and Automation (for Master and doctor’s degree)
Main research areas: Computer Aid Design and Manufacture, Computer Supervision and Control, Computer Numerical Control, Precision Manufacture and Advanced Manufacturing Technology, Enterprise Information System.

Mechanical design and theory (for Master’s and doctor’s degree)
Main research areas: robotics and mechanisms, design method, new type of driving and transmission devices, industry design, CAD/CAM and mechanical and electronics systems. Main courses: design method, finite element analysis, computer interface, CAD/CAM, measuring and sensors, mechanical-electronic control, information management of production, robotics, mechanisms design, etc.

Measurement Metrology Technology and Instrumentation for (Master’s and doctor’s degree)
The main research fields are: precision automatic measurement technology and instrument, sensors and intelligence technology, application of machine vision system. The main research has been done on engineering measurement methods and theories being brought out by domestic manufacturing, the relevant measurement approaches and principle, measurement and sensors with high precision and reliability, high precision measurement instruments in laboratory and on line used automatic measurement instruments in factories, expansion and research on new approaches and principles of measurement.

Materials engineering (for master’s and doctor’s degree):
Main research areas: Advanced functional metallic alloys and their uses; Special alloys and their manufacturing technologies; Material forming and CAD/CAM of die. Much work has been done on biologic alloys, shaping memory alloys, damping alloys, rare-earth hydrogen storage alloys; Metal-based composite, special type corrosion, wearing and high temperature resistant alloys, surfacing engineering materials and their manufacturing technologies, etc. Advanced die Technologies and computer application on forming of materials.

Mechatronics (Master)::
The main research directions here are micro-computer and its application in industry, machine dynamics including test system research, automatic control and its application in industry, automation and its application.

Vehicle engineering (for master’s degree):
Main research areas: material for automobile and its reliability; net forming of automobile.
Precision Instrumentation and Mechanics (for master’s degree)
Main research areas: measurement and sensors with high precision and reliability, high precision measurement instruments?

Man-machine and environment engineering (for master’s degree)
Research direction: Research on the key techniques of anthropomorphic phantom;
Research on the information collecting system about man-machine engineering and it’s safety evaluation.
Main courses: Man-machine engineering, Bio-medic sensor, Bio-medic image processing, Measurement of the parameters of man-machine engineering and signal processing, design of the biologic emulation structure, advanced manufacturing technology, Automobile safety engineering, anthropomorphic phantom.

Steel metallurgy (for master’s degree)
Main research areas: Advanced steel metallurgic materials and their manufacturing technologies; Special type powder alloys and their manufacturing technologies. Much work has been done on Fe-based intellective alloys, antiseptic stainless alloys, Fe-based damping alloys; Application of vacuum metallurgy technology, PVD, CVD to manufacturing technology of new materials; Special type metallurgy technologies, such as powder metallurgy, VOD, AOD, and metallurgic compound press casting, and precision casting, and their application to steel, metallic composite, wearing resistant materials; Computer aided engineering of steel metallurgic procession.

Metallurgy of non-ferrous metals (for master’s degree)
Main research areas: microstructure and properties of non-ferrous metals; materials engineering and mould’s CAD/CAM of non-ferrous metals, etc.

Biomedicine engineering (for master’s degree)
Main research areas: Biomedicine information detection and processing. Main courses: transducer and measurement of biomedical instrument, electronic technology of biomedical instrument, principle and application of biomedical instrument.
College of Manufacturing Science and Engineering

Faculty Members

Zhao-fei Zhou,
Specialty: Applied Laser
Research Interests: laser interferometry, prollimeter, CCD image process for measurement.
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E-mail: zhfzhou@scu.edu.cn

Yin Guofu, Ph.D. Dept. of Mechanical Engineering, Xian Jiaotong University, China, 1989
Dean of School of Manufacturing Science and Engineering Sichuan University
Specialty: Computer Integrated Manufacturing System
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Tel. & Fax: 028-85405303, 85405302
Yan Li, Ph.D. Liverpool John Moores University, UK
Specialty: Mechanical Design Manufacture and Automation
Research Interests:
Design Process Theory, Creative Design, Open Control Architecture, Intelligent Manufacturing
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Sichuan University
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Tel: +86 28 85406988
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YAO JIN, Ph.D. Sichuan University, 1999
Director of engineering design center of the university
Vice dean of the school
Specialty: Mechanical design and manufacturing
Research Interests: Robotics and Mechanisms: kinematics of parallel and series robot, including forward displacement analysis of parallel and variable geometry truss manipulators, workspace analysis; kinematics analysis and synthesis of mechanisms such as planar four-bar linkage for rigid body guidance, steering linkage, adjustable linkage, compliant mechanisms, force-balancing. CAD/CAE/CAM and Enterprise information: valve CAD, FEA application, application development based on MDT and Inventor, data management and mining for production. Mechanical and electronics system: measuring and control, sensor and data transmission, system integration. A visiting scholar to Newcastle University (England, 1990), McGill University (Canada, 1998), Simon Fraser University (Canada, 2002).

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E-mail: jinyao163@163.com
Junbi Liao, Ph.D. University of Derby, UK, 1999. Dean of the Department of Measurement Technology and Control Engineering
Specialty: computer vision system
Chairman of the Department of Measurement Technology and Control Engineering at Sichuan University
Main research interests: Intelligent instrument and applications of computer vision system, one of the key technologies to realize high degree of automation in modern enterprises. It mainly develops computer vision utility system, and especially cares about research of the applications of high ratio of performance and price, convenient and applied machine vision systems in modern manufacturing. Now his main research is vision coordinate measuring machine.
Contact: Tel: 028-85405126

Long Wei, Ph.D. Sichuan University
Specialty: Mechanical manufacture and automation
Research interests: Industrial equipment automation and Computer Numerical Control (CNC); Enterprise information engineering
Contact: Manufacture institute of Sichuan university, Chengdu, 610065, P.R China

Wang Jie, Ph.D. Sichuan University
Specialty: Mechanical Engineering
Research interests: Computer Integrated Manufacturing System (CIMS), Computer Aided Design and Manufacturing (CAD/CAM), Computer Aided Process Planning (CAPP), Management Information System (MIS), Enterprise Resource Planning (ERP), Product Data Management (PDM), Manufacturing Enterprise Information Platform

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Shiping Zhao, Ph.D. Chongqing University, 1991
Specialty: Photo-electricity Precision Instrument
Research interests: sensors and intelligent technology. It mainly develops automatic
measurement equipment which combines with optic, mechanic, electricity, fluid, pneumatology, measurement, microcomputer, and the theory and technology of driving control, expert system, fuzzy logic and neural net etc. Intelligent information processing also systematically researched, especially in recent years in order to meet the requirements of highly developed domestic.

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Li Ning, Ph. D. Sichuan University
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Research interests: Biologic alloys, shaping memory alloys, damping alloys, rare-earth hydrogen storage alloys, and antiseptic stainless alloys.
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Yuan Zhongfan, MSc, Ph. D,
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Xu Liju, BSc. Tsinghua University 1959
Specialty: Mechanical Design and Theory
Major Concentration: Robot and Parallel Machine Tool, Mechanisms and CAD, New Type Drives.
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Li Wei, Master, Sichuan University 
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Main research interests: Fabrication, microstructure and properties valuation of light metals and their composites; Fabrication, microstructure and properties valuation of engineering ceramics and their composites; Specific ferroalloys and their applications in steel making, cast irons and non-ferrous metals. 
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Liu Shengqing, Bachelor, Sichuan University 
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Research interests: Numerical Control Technology, Rapid Prototype Manufacturing Technology, Mechanical Electricity Engineering etc. 
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Yongchao Wang, Ph.D. Chongqing University 
Major and Research Interesting: Mechanical Manufacturing and Automation, Enterprise Informationalization, Contemporary Integrated Manufacturing System.
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Wang yisan, Master, Central China Science and Technology University
Specialty: Material Engineering
Research interest: Surface ceramet and surface composite produced in situ
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<tr>
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<th>Title</th>
<th>Major</th>
<th>Research Interests</th>
<th>Contact</th>
<th>Degree</th>
<th>University</th>
</tr>
</thead>
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<tr>
<td>Name</td>
<td>Professional Titles</td>
<td>Major</td>
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<tr>
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<tr>
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<th>Title</th>
<th>Research Field</th>
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<tbody>
<tr>
<td>Gaojie</td>
<td>Prof.</td>
<td>Condensed Matter</td>
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<tr>
<td>Name</td>
<td>Academic Title</td>
<td>Research Area</td>
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<tr>
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<tr>
<td>Zhang Yiyun</td>
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<tr>
<td>Du Jinglei</td>
<td>Prof.</td>
<td>Optics Master, PhD Microelectronics and Solid State</td>
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<td>Electronics Master</td>
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<tr>
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<tr>
<td>Zhu Jun</td>
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<td>Atomic and Molecule Master, PhD</td>
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<tr>
<td>Ling Liibing</td>
<td>Prof.</td>
<td>Nuclear Technology and Application Master, PhD</td>
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<tr>
<td>Fu Kexiang</td>
<td>Prof.</td>
<td>Optics Master, PhD</td>
</tr>
</tbody>
</table>
College of Chemical Engineering

Founded by the Mr. Zhang Hongyuan, the pioneer in chemical engineering education, the College of Chemical Engineering Sichuan University originated from the chemical engineering departments of nine institutes. The College now consists of Department of Chemical Engineering, Department of Chemical Process Equipment and Control, Department of Pharmaceutical Engineering, Teaching Base of Chemistry Courses for Engineering Students, Chemical Engineering Design and Research Institute and Panxi Institute for Resource Utilization and is one of the largest Colleges at Sichuan University. It offers 6 specialties for undergraduate students, 6 Master degree programs, 3 Ph.D. programs, 1 program open to postdoctoral applicants, 1 post for ?hangjiang scholar?professor, 1 provincial key discipline and 2 provincial key labs. Among its 193 staff members, there are 44 professors (and research fellows) among whom 13 are supervisors of doctor students, and 69 associate professors (and research fellows). There are now about 1800 enrolled students, including 185 Master graduates and Ph.D. candidates and 165 Master of Engineering graduates. Various scholarships are available for qualified students. Of the research projects currently in progress, over 60 are state or provincial key projects and NSFC (Natural Science Fund of China) projects, involving the various aspects of chemical engineering science. The annual research fund exceeds 6 million RMB yuan. In the recent years many national and provincial prizes have been awarded to the faculty members for their outstanding achievements and more than 1000 articles have been published in national and international journals. International cooperation and exchanges play a more and more important role in the development of the College. With its remarkable contributions in both higher chemical education and chemical engineering science, the College has enjoyed a national prestige. Systematic teaching and research facilities have been established to guarantee the creditable technical services and a far and wide corporation with industrial sectors has been built in personnel training and scientific researches, resulting in a tremendous success in the integration of ?
Programs Offered
Faculty Members
College of Chemical Engineering

Programs Offered

Specialties for Bachelor Program
Chemical Engineering and Process Technology
Process Equipment and Control Engineering
Biochemical Engineering
Pharmaceutical Engineering
Safety Engineering
Metallurgy Engineering

Specialties for Master & PhD Programs
M.Sc. and Ph.D. in Chemical Engineering
M.Sc. and Ph.D. in Chemical Technology
M.Sc. and Ph.D. in Chemical Processing Equipment
M.Sc. in Applied Chemistry
M.Sc. in Bio-Chemical Engineering
M.Sc. in Applied Catalysis
M.Eng. in Chemical Engineering
M.Eng. in Power Engineering
M.Eng. in Pharmaceutical Engineering

Chemical Engineering and Process Technology
It is a major to study the principle laws and popular technique for chemical production and process with the target to produce more and more chemical engineers and technicians.

Courses Offered in English: the principle of chemical engineering, chemical reaction engineering
Metallurgy Engineering
Chemical engineering and metallurgy is an intersecting discipline of materials, chemical engineering and metallurgy. This specialized field of discipline researches
the processing of metal ores and the second metal resources, i.e. separating, extracting, purifying and comprehensive recovering valuable metals from these resources. More attention is focused on the research of process chemistry and technology of inorganic and electric materials.

Courses Offered in English: the principle of chemical engineering, chemical reaction engineering, the principle and technology of metallurgy, the principle and technology of preparing nano-powder and ultra-fine powder

Process Equipment and Control Engineering
The primary purpose of the specialty is to educate highly qualified scientists and engineers having knowledge of chemical engineering, mechanical engineering, control engineering and management engineering. They can do design, research, manufacture and management work and will get fundamental training on mechanical and electric unification, automatic control by computers, computer aided design and mechanical drawing. Graduates of this specialty have comprehensive knowledge of principles of process, equipment and control, and ability in engineering application of computers and design of process equipment and its control system.

Courses Offered in English: Engineering heat transfer, Transport Processes in Chemical Engineering

The specialty accepts graduates for M.S. and Ph.D. degrees.

Safety Engineering
Safety engineering is a relatively new discipline providing a unified approach to all safety and reliability problems within the field of engineering based on informatics, systematics and cybernetics. The program is designed to provide highly qualified engineers familiar with safety technology in modern industrial processes and competent in safety research, design, evaluation, management and supervision. Students of this specialty are required to have a good command of comprehensive engineering and social science as well as right application of basic theory and skill in the safety field. Graduates can undertake jobs of safety management, safety evaluation and occupational hygiene protection in addition to design in safety engineering on the base of modern safety theories.

Pharmaceutical Engineering
Pharmaceutical engineering is a new colligate technical subject combining pharmacy with engineering. The students can systematically master modern essential theory and skill of pharmaceutical engineering via studying the subject. They can also deal with manufacturing management and quality control of drug, production technology and plant design, project design and certifying, researching and opening out of new products, use and distribution of drug. The main courses
are Physiology and Pharmacology, Industrial Pharmacy (teaching with Chinese and English), Medicinal Chemistry (teaching with Chinese and English), Natural Medicinal Chemistry, Synthesis of Pharmaceutical and Fine Chemicals, Pharmaceutical Analysis, Medicinal Biology, Chem-Pharmaceutical Technology, Pharmaceutical Apparatus and Plant Design, Pharmacy Administration, and so on. Graduate students recruited.

Biochemical Engineering

Biochemical Engineering was authorized by the National Ministry of Education in 1985. Now it recruits countrywide students, and has qualifications to grant bachelor, master and doctorate for eligible students. This major covers subjects of chemical, biological technology, chemical engineering and pharmacy engineering. Biochemistry, microbiology, fermentation engineering and gene engineering are taught in English. Students are expected to have a systemic mastery of basic principle of current bioengineering, basic knowledge and basic skills. They can take up occupations in the fields of biological technology and engineering industry, pharmacy industry, petrochemical industry and environmental engineering.

Departments and Affiliated Units

Department of Chemical Engineering
Department of Chemical Process Equipment and Control
Department of Pharmaceutical & Biochemical Engineering
Teaching Base of Chemistry Courses for Engineering Students
Chemical Engineering Design and Research Institute
Chemical Equipment Research Institute
Environmental and Biological Engineering Research Institute
Institute of Comprehensive Utilization of Panzhihua Resources
Institute of Biological Pharmacy and Functional Foods
Institute of Applied Chemistry

Chemical Equipment Research Institute

It engages in applied-fundamental research of process equipment, development of new and efficient chemical process equipment and technique of a complete set. There are the following research groups: Group of filtration and separation process and equipment, Group of material surface engineering, Group of heat transfer in chemical apparatus and energy saving, Group of waste water treatment process and apparatus, Group of fluid pumping machines and sealing technology.

Environmental Biological Engineering Research Institute

It engages in treatment of technical and efficient reactors of organic waste water,
Sichuan University
treatment of garbage ooze, waste water treatment of petrochemical engineering, composition of water treatment agent, garbage biological fertilizer metals, trans-subject research and development of reaction process control and solid-liquid separation.

Institute of Comprehensive Utilization of Panzhihua Resources
The institute is engaged in researches on the preparation technology of highly pure, fine, functional non-ferrous metals and compounds materials, engineering design of metallurgical process, physical chemistry of metallurgy, extracting technology of non-ferrous metals.

Institute of Biological Pharmacy and Functional Foods
The research institute of biological pharmacy and functional foods is engaged in technical research projects in a wide field. The research of chemo synthesis of new fashioned medicament, pharmacy intermediate and it’s productive engineering, biological pharmacy preparative technology, biological technology in environmental engineering, the microbial fermentation engineering and biological reactor study, the processing technique of food and hygienically food, the development of natural or natural product and the toxicity monitor and security estimation is carried on in this research institute. 5 scientific research projects supported by National Natural Science Foundation and many others research projects have been accomplished in recent 5 years.

Institute of Applied Chemistry
It engages in theoretical and experimental studies of chemistry. In addition, it is responsible for the chemistry teaching, including general chemistry, inorganic chemistry, organic chemistry, analytical chemistry, as well as fundamentals of modern chemistry.

Research Groups: Computational Chemistry, Instrumental Analysis, Material Chemistry.

Research interests: Molecular structures and the reactivity, Non-equilibrium solution theory, Instrumental analysis and Chemo/Biosensor, Natural medicine, New-type inorganic and organic materials.

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## Professors and Research Interests

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Research Interests</th>
<th>Contact</th>
<th>Education</th>
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<tbody>
<tr>
<td>Zhu, Jia-Hua</td>
<td>Professor, Supervisor of Ph.D. students</td>
<td>gas-liquid mass transfer process and novel equipment, Fluidization and drying technology</td>
<td>028-85402105, 028-85406869</td>
<td>Ph.D. Sichuan University</td>
</tr>
<tr>
<td>Zhang, Yun-Xiang</td>
<td>Professor, Supervisor of Ph.D. students</td>
<td>Phosph-chemical technology, Compound fertilizer process</td>
<td>028-85403501</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Li, Xiang-Yuan</td>
<td>Professor, Supervisor of Ph.D. students</td>
<td>Theoretical Chemistry, Computational Chemistry</td>
<td>028-85405233, <a href="mailto:xyli@scu.edu.cn">xyli@scu.edu.cn</a></td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Chen, Wen-mei</td>
<td>Professor, Supervisor of Ph.D. students</td>
<td>Filtration &amp; separation processes; Waste water treatment process; Membrane separation</td>
<td>028-85460682</td>
<td>Mechanic engineer ural poly chaical Institute (USSR)</td>
</tr>
<tr>
<td>Zhong, Ben-he</td>
<td>Professor, Supervisor of Ph.D. students</td>
<td>Phosph-chemical technology, Compound fertilizer process</td>
<td>028-85403542</td>
<td>Ph.D. Sichuan University</td>
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<tr>
<td>Liang, Bin</td>
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<td>Catalytic reaction engineering and technology, industrial catalysis and absorbing separation</td>
<td>028-85460556, <a href="mailto:binliang@mail.sc.cninfo.net">binliang@mail.sc.cninfo.net</a></td>
<td>Ph.D. Tianjin University</td>
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<tr>
<td>Huang, Wei-xing</td>
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<td>Fluidization and multiphase flow, Heat transfer and drying technology, Mass Transfer in membrane processes</td>
<td>028-85408126, <a href="mailto:hwx58@21cn.com">hwx58@21cn.com</a></td>
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<tr>
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<td>Chemical Engineering and process, Applied Catalysis and new materials, Fine Chemicals and green chemistry</td>
<td>028-85403836, 13688325548</td>
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<td>Wei, Yong-zhi</td>
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<tr>
<td>Wang, Mei</td>
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<td>Chemical systems engineering, heat transfer</td>
<td>028-85400742, 028-85403173</td>
<td>Ph.D. Sichuan University</td>
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<td>Wang, Shi-Hua</td>
<td>Professor</td>
<td>Synthesis Chemistry, Carbon Material</td>
<td>028-85406868</td>
<td>M.S. Sichuan University</td>
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<tr>
<td>Name</td>
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<td>Feng, Li-chen</td>
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<td>Ye, Shi-Chao</td>
<td>Professor</td>
<td>Mass transfer and separation engineering, fluidization and drying technology</td>
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<td>Liu, Dai-Jun</td>
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<td>Fertilizer process and techniques</td>
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<td>organic chemistry and synthesis of Dawson Hetero-polyacid &amp; application in organic chemistry</td>
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<td>Ying, Jian-Kang</td>
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<tr>
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<td>Liang Yu-xiang</td>
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<td>Fine Organic Synthesis</td>
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<td>Chu, Liang-yin</td>
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<td>Lei, Ming-guang</td>
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<td>Dai, Xiao-Yan</td>
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<td><a href="mailto:daixiaoy@mail.sc.cninfo.net">daixiaoy@mail.sc.cninfo.net</a></td>
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</table>
The College of Life Sciences was formally established in 1994, as a combination of the original Departments of Biotechnology and Biology, which date back to 1924. Our college consists of four departments along with a number of Key Laboratories, as part of our broad effort to develop teaching, research, and training in the essential areas of biological sciences, and the application in agriculture, pharmaceutical industry, sanitation, and environment protection.

We provide a wide and integrated range of degree and certificate programs that balance the traditional core of professional education on biologic sciences with advanced and interdisciplinary research. We are nationally recognized for our two national key subjects, Botany and Resource Biology, as well as the National Base for Talent Training and the Undergraduate Teaching Center of Basic Biology of Sichuan University. Our teaching achievement is noticeable with the first-class teaching achievement awards at national level.

The college has a staff of more than 130, including 21 professors and 41 associate professors. And our celebrated subject leaders are specially engaged academician Prof. ZHAO Ermi, Prof. LIANG Houguo, Prof. LIU Shigui, etc. Now there are more than 70 undergoing research programs including five national "863" and "973" projects in our college.
We have frequent academic exchanges and cooperation with foreign universities and institutes of the U. S., England, Germany, Italy, Australia, and Japan. A student-exchanging program with the University of Washington was launched in 2002 with some 20 overseas students having been involved in this program by now.

Programs Offered
Faculty Members
College of Life Sciences

Programs Offered

There are four departments in the college: Biological Sciences, Biotechnology, Ecology, and Landscape Architecture, and five key laboratories: Key Laboratory of Bio-control Engineering (the Ministry of Education), Sichuan Key Laboratory of Molecular Biology and Biotechnology, Sichuan Key Laboratory of Resource Biology and Biopharmaceutical Engineering, Sichuan Key Laboratory of Breeding and Genetic Protection of Endangered Animals, Sichuan Key Laboratory of Microbiological Resource and Technology. In addition, we have reputed Botanical Specimen Museum, Zoological Specimen Museum, and the Biological Field Practice Base in Heizhugou, Ebian.

Bilingual teaching on biological sciences is our emphasis, and the following courses are offered in a bilingual way: Microbiology, Genetics, Cell Biology, Ecology, and Biological Statistics.
<table>
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<tr>
<th>Name</th>
<th>Professional Title</th>
<th>Research Interests</th>
<th>Contact Information</th>
<th>Degree</th>
<th>University</th>
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<tr>
<td>ZHAO Ermi</td>
<td>Professor (academician, Ph.D. advisor)</td>
<td>Zoological systematics and evolutionary biology</td>
<td>028-85412186</td>
<td>B.S.</td>
<td>Sichuan Univ.</td>
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<tr>
<td>ZHANG Yiheng</td>
<td>Professor (Ph.D. advisor)</td>
<td>Molecular biology</td>
<td>85410409</td>
<td>Ph.D.</td>
<td>Michigan State Univ. (the U.S.)</td>
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<tr>
<td>CHEN Fang</td>
<td>Professor (Ph.D. advisor)</td>
<td>Plant development &amp; biotechnology</td>
<td>85412053</td>
<td>Ph.D.</td>
<td>Sichuan Univ.</td>
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<td>LIU Shigui</td>
<td>Professor (Ph.D. advisor)</td>
<td>Modern genetics &amp; bio-technology</td>
<td>85412936</td>
<td>B.S.</td>
<td>Sichuan Univ.</td>
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<td>LIANG Houguo</td>
<td>Professor (Ph.D. advisor)</td>
<td>Plant metabolism &amp; physiology</td>
<td>85415307</td>
<td>Associate Ph.D.</td>
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<tr>
<td>XU Jianmei</td>
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<td>85414245</td>
<td>B.S.</td>
<td>Sichuan Univ.</td>
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<tr>
<td>YANG Zhirong</td>
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<td>Resource microbiology &amp; genetics</td>
<td>85412485</td>
<td>B.S.</td>
<td>Sichuan Univ.</td>
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<td>DU Linfang</td>
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<td>Population and community ecology</td>
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<td>M.S.</td>
<td>Sichuan Univ.</td>
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<td>LIN Honghui</td>
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<td>Plant-physiology</td>
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<td>Sichuan Univ.</td>
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<td>LI Xufeng</td>
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<td>FU Hualong</td>
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<td>85412577</td>
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<td>WANG Li</td>
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<td>Plant Conservation Genetic</td>
<td>85410231</td>
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<tr>
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<td>Professor</td>
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<td>85410231</td>
<td>Ph.D.</td>
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<tr>
<td>GUO Cong</td>
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<td>HOU Taipin</td>
<td>Professor</td>
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<td></td>
<td></td>
<td></td>
<td><a href="mailto:yfmeng@163.net">yfmeng@163.net</a></td>
</tr>
</tbody>
</table>
College of Electronics and Information Engineering

College of Electronics and Information Engineering consists of three departments: Department of Radio Electronics, Department of Optoelectronic Science and Technology, Department of Information Security Engineering, and 7 institutes. It has 9 PhD supervisors, 20 professors, nearly 40 associate professors, and 16 governmental allowance-receiving experts. In the college, there are 5 undergraduate majors, 9 Master programs, 1 specialty degree program, 2 PhD programs, 2 post-doctor programs, 1 provincial leading discipline, 3 provincial and state-departmental key laboratories, 1 provincial leading talent training base. The library of the college holds over 30,000 books and more than 180 sorts of Chinese and foreign periodicals. Currently, the school has 42 PhD candidates, 324 MSc candidates, and over 1,600 undergraduates. In addition, it has originated innovation classes. In recent years, the research of the school has exceeded 150 projects, including National Natural Science Funding, ?63?high technologic projects, provincial and state-departmental brainstorm projects, and cross association projects. As the result, more than 40 prizes have been awarded by the state, province, and state-departments, 14 state patents have been granted, 4 provincial education prizes have been awarded. Moreover, it has published over 50 professional and translated books and more than 1,000 papers in domestic and foreign leading periodicals.

Professors
Bachelor programs & Graduate Program
## College of Electronics and Information Engineering

### Professors

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Subject</th>
<th>Research Interests</th>
<th>Contact</th>
<th>Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Su Xianyu</td>
<td>Prof. Optical Engineering</td>
<td>Optical Three Dimensional Sensing and Machine Vision, Optical Information Processing</td>
<td>85463879 MSE.</td>
<td>Tsinghua University</td>
<td></td>
</tr>
<tr>
<td>Huang Kama</td>
<td>Prof. Electronic Science and Technology</td>
<td>Electromagnetic Compatibility, Microwave Biomedical Engineering, Microwave Chemistry, Microwave Imaging and Application</td>
<td>85408779 Ph.D.</td>
<td>University of Electronic Science and Technology of China</td>
<td></td>
</tr>
<tr>
<td>Chen Jianguo</td>
<td>Prof. Optics</td>
<td>Lasers and Optical Communication, Nonlinear Optics</td>
<td>85463880 Ph.D.</td>
<td>Imperial College of Science and Technology, University of London, UK</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>Research Area</td>
<td>Phone No.</td>
<td>Institution</td>
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</tr>
<tr>
<td>Cai Bangwei</td>
<td>Prof. Optical Engineering</td>
<td>High Power Laser Technology, Fabrication, Test and Application of Nonlinear Optical Crystal Elements</td>
<td>85464312</td>
<td>Sichuan University</td>
<td></td>
</tr>
<tr>
<td>Zhou Jiliu</td>
<td>Prof. Information and Communication Engineering</td>
<td>Communication and Information System, Modern Communication Technology Research</td>
<td>85407893</td>
<td>Sichuan University</td>
<td></td>
</tr>
<tr>
<td>Li Binjun</td>
<td>Prof. Information and Communication Engineering</td>
<td>Communication and Information System</td>
<td>85516266</td>
<td>Chongqing University</td>
<td></td>
</tr>
<tr>
<td>He Xiaohai</td>
<td>Prof. Information and Communication Engineering</td>
<td>Digital Image Processing, Pattern Recognition, Image Communication and Computer Application</td>
<td>85462766</td>
<td>Sichuan University</td>
<td></td>
</tr>
<tr>
<td>Luo Daisheng</td>
<td>Prof. Electronic Science and Technology</td>
<td>Digital Image Processing, Pattern Recognition, Computer Vision, Image Communication and Software Engineering</td>
<td>85463966</td>
<td>University of Glasgow, UK.</td>
<td></td>
</tr>
<tr>
<td>Wang Zhenxue</td>
<td>Prof. Control Science and Engineering</td>
<td>Industrial Automation, Intelligent Control, Architecture Intelligence, Information Security</td>
<td>85216819</td>
<td>Sichuan University</td>
<td></td>
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<tr>
<td>Wang Desheng</td>
<td>Prof. Electronic Science and Technology</td>
<td>Electronic Circuit and System</td>
<td>85416296</td>
<td>Sichuan University</td>
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<tr>
<td>Name</td>
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</tr>
<tr>
<td>Feng Guoying</td>
<td>Optics</td>
<td>Solid-State laser and amplifier, Optical Communication, Nonlinear Optics</td>
<td>85463880 Ph.D. Sichuan University</td>
<td></td>
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</tr>
<tr>
<td>Gu Zhongbi</td>
<td>Control Science and Engineering</td>
<td>Industrial Automation, Intelligent Control, Architecture Intelligence, Water Resource Information</td>
<td>85410096 Bs. Sichuan University</td>
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<tr>
<td>Li Yude</td>
<td>Optics</td>
<td>Gas Laser, Laser Chemistry, Laser Processing</td>
<td>85416184 Bs. Sichuan University</td>
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<tr>
<td>Zhang Bin</td>
<td>Optics</td>
<td>Laser Physics and Laser Technology, Optical Communication, Nonlinear Optics etc.</td>
<td>85464312 Ph.D. Sichuan University</td>
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<tr>
<td>Tao Deyuan</td>
<td>Control Science and Engineering</td>
<td>Digital formation of image, Network Communication, Image Communication and Pattern Recognition</td>
<td>85463966 Bs. Sichuan University</td>
<td></td>
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</tr>
<tr>
<td>Cao Yiping</td>
<td>Optical Engineering</td>
<td>Optical Three Dimensional Sensing and Machine Vision, Optical Information Processing</td>
<td>85463879 Ph.D. Sichuan University</td>
<td></td>
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<tr>
<td>Dai Zongkun</td>
<td>Information and Communication Engineering</td>
<td>Information Security</td>
<td>85417135 Bs. Sichuan University</td>
<td></td>
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</tr>
<tr>
<td>Yang Wanquan</td>
<td>Information and Communication Engineering</td>
<td>Communication and Information System</td>
<td>85463881 MSE. Sichuan University</td>
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<tr>
<td>Name</td>
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<td>Department</td>
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<tr>
<td>Chen Huaixin</td>
<td>Prof.</td>
<td>Optical Engineering</td>
<td>87555517</td>
<td>Ph.D.</td>
<td>Sichuan University</td>
</tr>
<tr>
<td>He Peiyu</td>
<td>Prof.</td>
<td>Information and Communication Engineering</td>
<td>85463877 MSE.</td>
<td>MSE.</td>
<td>Sichuan University</td>
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<tr>
<td>Serial No.</td>
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<td>Courses Offered</td>
<td>Core Courses</td>
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<tr>
<td>071201</td>
<td>Electronic Information Science and Technology</td>
<td>Bachelor of Science or Bachelor of Engineering</td>
<td>1.Electronic Circuit Theories *</td>
<td>1. Electronic Circuit Theories *</td>
<td>Digital Signal Processing, Random Signal Processing</td>
</tr>
<tr>
<td>Degree</td>
<td>Serial No.</td>
<td>Major</td>
<td>Research Areas</td>
<td>Supervisors</td>
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<tr>
<td>PhD</td>
<td>070207</td>
<td>Optics</td>
<td>1. Information Optics 2. High Power Laser Technology 3. Lasers and Optical Communication</td>
<td>Su Xianyu, Chen Jianguo, Cai Bangwei</td>
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<td></td>
<td>070208</td>
<td>Radio Physics</td>
<td>Electromagnetic Compatibility 1. Microwave System and Engineering 2. Electromagnetic Biomedical Engineering</td>
<td>Huang Kama, Xu Lian, Zhang Hong, Liu Changjun</td>
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Note: * Courses delivered with textbooks in original English edition
<table>
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<tr>
<th>Code</th>
<th>Field</th>
<th>Courses</th>
<th>Faculty</th>
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<tbody>
<tr>
<td>070207</td>
<td>Optics</td>
<td>Information Optics, Laser Physics and Laser Technology, Laser and Optical Communication, Opto-Electronic Processing etc.</td>
<td>Su Xianyu, Chen Jianguo, Li Yude, Feng Guoying, Zhang Bin, Chen Huaxin, Chen Wenjing, Zhou Xin</td>
</tr>
<tr>
<td>0803</td>
<td>Optical Engineering</td>
<td></td>
<td>Su Xianyu, Chen Huaxin etc.</td>
</tr>
<tr>
<td>080901</td>
<td>Physics electronics</td>
<td></td>
<td>Feng Guoying, Zhang Bin etc.</td>
</tr>
<tr>
<td>080904</td>
<td>Electromagnetic Field and Microwave Technology</td>
<td>Electromagnetic Theory and Technology, Application of Electronic System, Microwave and Millimeter Wave Technology</td>
<td>Huang Kama, Liu Changjun etc.</td>
</tr>
<tr>
<td>ME</td>
<td>Electronics and Communication Engineering</td>
<td></td>
<td>Zhou Anmin, Fang Yong, Yang Wanquan, Tao Deyuan, Wang Yongde etc.</td>
</tr>
</tbody>
</table>
College of Computer Science

The ability to operate computers is very important for a man in modern society. The College of Computer Science SCU devotes to systematically training high-quality specialists in the field of computers with advanced technology, skilled and scientific system of education. The College consists of 3 departments, 2 centers and some research institutes. There are 2 doctor-degree programs in the fields of computer application and computers software, 3 master-degree programs in the fields of computer application, computer software, computer networks and structure, and a bachelor-degree program in the fields of computer science and technology. It also accepts applications of academic visitors and courses studies of teachers. The College benefits from a large range of scientific studies, which enriches its teaching. 45% of the staff is professors and associated professors and their research fields are computer diagrams, databases and intelligence engineering, computer safety, computer networks, communication and management information systems. Their scientific research has been fruitful and the College has been awarded for more than 40 times, such as the second class of National Science and Technology Advance Award, The first or second class of Provincial and Ministry Science and Technology Advance Award.

Teaching of computer science is bi-lingual in Chinese and English, and advanced methods such as multimedia technology, network teaching and special practice are frequently applied. For excellent students extra instructors are appointed to give special training. The College of Computer Science offers
students some special training of practical value, such as ACM/ICPC, mathematical model competition, electrical design competition, and has established some computer-interested organizations such as Microsoft Club and LightEyes website.

The graduates of the College of Computers have been widely accepted for their systematic knowledge of computer science and well-trained skills.
College of Computer Science

Programs Offered

Courses for bachelor degree program:
C Language Programming  Assembly Language Programming
Discrete Mathematics  Data Structures
Theory of Computer Organization  Principles of Compiling
Theory of database system  Computer Network
Introduction to Computer Science  Micro-computer Technology
Computer English  Object-Oriented Programming
Computer Architecture  Software Engineering
Environments of Software Development
Software Test Technology
CMM
Computer Graphics and Image Processing
Artificial Intelligence
Single-chip Computer Technology
Unix System  Multimedia Technology
Simulation Electric Circuits  Digital Electric Circuits
Methods of Mathematical Physics  English
College Mathematics  College Physics

Courses for Master Degree Program
I. Computer Application technology
Research Areas:
Computer network and information system
Database and knowledge engineering
Graphic and image processing
Realtime software engineering
Multimedia technology
Parrell and distruted processing

Main courses:

First Foreign language
Foreign language on specialty
Database theory and technology Computer network
Modern mathematics Computer graphics
Analysis and design of information system
Multimedia technology Artificial intelligence
Pattern recognition Parallel and distributed processing
Repository technology Unix Software development environment
Special topic on image processing
Next Generation database theory
Special topic on computer vision
Object-Oriented Programming

II. Computer Software theory

Research Areas:

Software engineering and tools
Computer network
Database and information system
Intelligent information system
Graphics image and multimedia technology
Network security technology and its application

Main courses:

First Foreign language Specialty foreign language
Modern mathematics Computer Network
Database theory technology Modern Software engineering
CASE and Tools Special topic on database
Artificial intelligence and nerve network
Digital image processing
Special topic on computer network
Network and security
Multimedia technology Special topic on Internet
MIS and OA CAD/CAM
New Programming Language Advanced Operating system
Pattern recognition Academic activities
Hardware system design Software project practice
format language and automation theory
Second Foreign language Graphics science

III. Computer architecture

Research Area:
Computer network and communication
Computer aided electro circuit design

Main courses:
First Foreign language Specialty Foreign language
Database theory technology Computer network
Modern Mathematics Pattern recognition
Image Processing Computer aided Design
Object Oriented Programming Repository technology
Artificial intelligence
Graphics and Images Software
Performance Analysis and design for Computer communication network
Modern communication network technology
Thesis Reading Next generation database
Second Foreign language

Back
College of Computer Science

Faculty Members

Table of Supervisors:

Direction: Computer Application
Major: Network and Information System
Prof. Li Zhishu Tel: 85412029
Prof. Luo Wanbuo Tel: 85410007—8009
Prof. Lv Guanghong Tel: 85416279
Assistant Prof. Li Xuwei Tel: 85410920
Assistant Prof. Zhu Hong BB: 95815—28229
Assistant Prof. Guan Qun BB: 96991—558399
Assistant Prof. Xu Lin Tel: 85414268

Major: Database and Knowledge Engineering
Prof. Tang Changjie Tel: 85466105

Major: Parallel and Distributed System
Prof. Yuan Dachua Tel: 85461068
Prof. Li Bingfa Tel: 85416039

Major: Digital Image Procession and Graphics
Prof. You Zhisheng Tel: 85412565-810
Prof. Zhang Jianzhou Tel: 85413223
Prof. Li Yongning Tel: 85412565—607
Assistant Prof. Yu Liang

Major: Real Time Software Engineering
Prof. You Zhisheng Tel: 85412565--810
Prof. Yang Hongyu Tel: 85412565--820
Assistant Prof. Fei Xiangdong Tel: 85412565—607

Direction: Computer Architecture
Major: Computer Network and Communication
Assistant Prof. Wu Zhongguang Tel: 85412565—607
Assistant Prof. Zhou Qunbiao Tel: 85412565—607

Direction: Computer Software and Theory
Major: Software Engineering and Tools
Prof. Tang Ningjiu Tel: 85412029
Assistant Prof. He Xianjiang Tel: 85403790
Assistant Prof. Jian Yuming Tel: 85402248

Major: Computer Network
Prof. Zhang Hongwei Tel: 7353282
Assistant Prof. Xie Wen Tel: 85412029
Assistant Prof. Shen Lin Tel: 85416199
Assistant Prof. Hong Mei Tel: 85412565—837

Major: Database and Information System
Prof. Zhuang Chengsan Tel: 85404721
Assistant Prof. ChangZhiquan Tel: 85404511
Assistant Prof. Du Zhongjun Tel: 85400755
Assistant Prof. Jiang Yuming Tel: 85402248
Assistant Prof. Zhang Hongwei Tel: 85404573

Major: Intelligence Information System
Prof. Li Tao Tel: 85405568
Assistant Prof. Liu Xiaojie Tel: 85405816

Major: Network Security Technology and Application
Prof. Li Tao Tel: 85405568
Established in December 2001, the College of Software Engineering SCU is one of the national pilot software engineering colleges approved by the State Ministry of Education and the State Development Planning Commission. The college practices the system of dean responsibility under the leadership of board of directors. The college has a current staff of 27, with an average age of 30. There are 3 professors, 6 associate professors and 11 lectures, among whom 6 have doctor degree, 10 have master degree. Now, it has one Software Engineering Teaching and Research Room, one Film and Video Animation Center, one specialized laboratory, one open laboratory, one training center and one library available to the teachers, the students and those who are interested in software engineering.

By adopting bilingual teaching methods and inviting famous experts and professors to give lectures and classes, the college makes every endeavor to cultivate the students into high-level, multidisciplinary software engineering application professionals with sound fundamental knowledge and advanced skills to meet the demands of the software industry.

Now, the college enrolls graduate students, MSE (Master of Software Engineering) and undergraduates (high school graduates, students transferred from other majors and students for double bachelor degrees). Now, there are 428 undergraduates and 125 MSE in the college.

The college aims to be a first level training center for software engineering professionals and a “3-in-1” center (teaching, scientific research and production). All
the members of the school are trying hard to achieve the goal.

Programs Offered
Faculty Members

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College of Software Engineering

Programs Offered

Major: Software Engineering

Based on its developing plan and the advantages of its enterprise partners, the college offers 6 majors:

- Real-Time Software Technology
- Biological Pattern Recognition
- Telecommunication Software
- Information Security Software
- E-commerce
- E-government Administration

Majors under Preparation:

- Financial software, electricity software, medical software and 3-D animation and digital entertainment.

Courses Offered:

1) Basic principles: advanced, flexible, creative and multidisciplinary.
2) The course system consists of fundamental courses, skill training courses and project management courses as follows.

Fundamental courses: necessary fundamental knowledge on engineering mathematics with an emphasis on probability, statistics and modern software engineering methods and on software engineering methods with key points on software process and management and UML.

Skill training courses: courses on advanced and practical software development methods, skills and tools with a stress on application. Courses cover attaining and field analysis, software engineering planning and management, software configuration and related certification courses.

Project management courses include courses on software project management,
3) Main courses:


(Note: * Courses are provided or can be provided in English.)

Degree Offered

When completing all the required courses, eligible students of 4-year undergraduates and 2-year undergraduates transferred from other majors will be conferred diploma and bachelor degree.

Qualified students majoring in Software Engineering will be granted master degree of software engineering after they complete all the required courses.
College of Software Engineering

Faculty Members

**Jiliu Zhou**, Professor of computer science and technology. Tutor of doctorate candidates. Ph.D. in information engineering, Sichuan University. Current research interests: image processing, computing intelligence and modern communication technology.

E-mail: zhoujl@scu.edu.cn


E-mail: miliu88@hotmail.com

**Zhongde Yu**, Canadian professor in Software Engineering. Ph.D. Institute of Chemistry, Chinese Academy of Sciences (CAS). Experienced in software developing and university teaching in computer science and extensively knowledgeable on real-time embedded software, E-business, operating system, computer network, information security and database, etc.

E-mail: jordan.yu@163.com
College of Material Science & Engineering

The College of material science & engineering has a faculty members of 21 professors and 1 academician of the Chinese Academy of Engineering, and a research team engaged in the research and fabrication of special materials involving the combination of several material fields. The college has a complete education system for bachelor, graduate and post-doctor programs.

The college focuses on the research and development in five main areas: rare-earth materials and nano composite materials, energy materials of new kinds, compound semiconductor crystal materials, special dielectric functional materials and biomaterials. Since 1998, the college has achieved 14 MOE and national awards. More than 10 works and over 400 papers have been published, among which at least 200 papers indexed by SCI & EI. In the past 5 years, the college has completed about 50 research programs. Now, it is supported by 78 research programs amounting to 40 millions RMB.

The college attaches importance to the cooperation and communication with national and international specialists and organizations, like, Peking University and Washington University. Since 1998, it has organized 12 national meetings and 5 international academic conferences.
## College of Material Science & Engineering

### Main Faculty Members (Prof.)

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Research Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gao Shengji</td>
<td></td>
<td>Metal materials</td>
</tr>
<tr>
<td>Liu Ying</td>
<td>Ph.D.</td>
<td>Materials</td>
</tr>
<tr>
<td>Zeng Guangting</td>
<td></td>
<td>Metal Materials</td>
</tr>
<tr>
<td>Chen Yungui</td>
<td>Ph.D.</td>
<td>Materials</td>
</tr>
<tr>
<td>Liu Heng</td>
<td>Ph.D.</td>
<td>Inorganic Materials</td>
</tr>
<tr>
<td>Yin Guangfu</td>
<td>Ph.D.</td>
<td>Biomaterials</td>
</tr>
<tr>
<td>Zhou Dali</td>
<td>M.S.</td>
<td>Biomaterials</td>
</tr>
<tr>
<td>Gou Li</td>
<td>Ph.D.</td>
<td>Biomaterials</td>
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<tr>
<td>Zhu Shifu</td>
<td></td>
<td>Photoelectronic Materials and Physics</td>
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<tr>
<td>Zheng Jiagui</td>
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<td>Information Materials</td>
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<td>Zhao Beijun</td>
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<td>Material Physics</td>
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<td>Zhu Jianguo</td>
<td>Ph.D.</td>
<td>Material Physics</td>
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<td>Xiao Dingquan</td>
<td>M.S.</td>
<td>Condensed State Physics</td>
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<td>Feng Lianghuan</td>
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<td>Metal Physics</td>
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<td>Zheng Wenchen</td>
<td>M.S.</td>
<td>Condensed State Physics</td>
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<td>Shen Baoluo</td>
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<td>Metal Physics</td>
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<td>Tu Mingjin</td>
<td>M.S.</td>
<td>Materials</td>
</tr>
<tr>
<td>Ran Junguo</td>
<td></td>
<td>Bio-Materials</td>
</tr>
</tbody>
</table>

[Back](#)
College of Material Science & Engineering

Majors Offered

- Material Physics
- Material Chemistry
- Biomedical Engineering
- Metal Material Science and Engineering
- Inorganic Nonmetallic Material Engineering
College of Polymer Science and Engineering

As a national key subject, polymer science and engineering in Sichuan University was first founded in 1953. It is also a key subject of “211 Project”. The college was established in July, 2001 as the first college of polymer science and engineering among the national key universities of China.

The college is composed of National Key Laboratory of Polymer Material Engineering, Polymer Research Institute, Institute of Plastics Engineering, four departments (Department of Polymer Materials, Department of Plastics Engineering, Department of Polymer Science, and Department of Iatrical Polymer Material and Artificial Apparatus), and Chemical Fiber Research Center. The research fields include polymer structure and property, synthesis and modification, preparation and molding, and development of new material. The materials under research include general plastics, special type engineering plastics, compounded material, functional polymer, natural macromolecules, chemical fiber, iatrical polymer material, tissue engineering material and artificial apparatus. Programs are set for Bachelor, Master and Ph. D degrees.

Programs Offered
Faculty Members
College of Polymer Science and Engineering

Programs Offered

1. Polymer material and engineering:

The major of polymer material and engineering is composed of the former seven undergraduate majorities: polymer material, plastics engineering, polymer material processing machinery, mold design and manufacture, polymer chemical engineering, compounded material and chemical fiber, etc. The subject of polymer material and engineering of the university is a national key subject, with undergraduate student training base of polymer material and engineering of Sichuan Province. It is also one the chief members of Teaching Guiding Committee under the Ministry of Education on polymer material and engineering.

This major aims at the training of specialized people on polymer material and engineering. The students are offered specialized basic knowledge of foreign language, computer technology, polymer chemistry and physics, etc. They are senior specialized talent with theories of polymer material and advanced molding technologies of all kinds of polymer material parts and are qualified with the abilities of polymer material developing and application, special type material development, preparing of fiber-forming polymer and fiber molding, plastic molding, design of polymer material processing machinery and mold with the training in the field of polymerization, molding, structure characterization and property testing.

Main courses for postgraduates:

a. Material Science (polymer material science)

Material science is a subject to research on the relationship between material composition, structure, process, property and using performance. It is the theoretical basis of material design, manufacture, technique optimizing and reasonable using. The research areas of this subject includes: structure and property of material, material preparing and mechanism research, material molding theory and technology, application of new technologies on material, surface and interface of...
material, material design.

The discipline began to enroll postgraduate in 1957. It is the first batch unit authorized to offer master degrees and doctor degrees by the Degree Committee of the State Council of China. And the post doctor station was set up in 1991.

? Main courses for Master Program

Material polymerization and preparing**
Material structure and property**
Modern research methods for polymer**
Polymerization reaction mechanism**
Polymer phase and phase transition**
Fiber physics**
New technologies in polymer material science**
Polymer interface chemistry**

? Main courses for Doctorate Program

Selection on material science**
Leading edge of polymer science**
Tensor analysis**
Polymer material with multi-components and multi-phases**
Structure and characterization technique**
Polymer with high performance and composite**
Kinetics of reaction**

b. Polymer Material Processing Engineering (polymer material molding and processing)

The subject of material processing engineering is an applied technology on controlling of external figure and internal structure of material and processing the material into the parts and products which are needed by the society.

The research areas of this subject includes: processing mechanism and application of polymer material, new method, new process and new technology for polymer material molding, alloying, high performance, functional technology and application of polymer material, optimum design of polymer material process and equipment.

The discipline was first authorized to offer master degree in 1983 and doctor degree in 1986 by the Degree Committee of the State Council of China. The post doctor station was set up 1995.

? Main courses Master Program

Material molding mechanism**
Modern characterization technology for material**
Polymer processing rheology**
Polymer processing- rheology- property**
Structure mold for polymer molding**
Computer aided optimum design**
? Main courses of Doctorate Program
Material physics**
Material processing development**
Structure and mechanism of molding equipment**
Polymer material with multi-phases**
Polymer fracture mechanics basis**
Physics and mathematics model of material**
c. Chemical Engineering (Polymer Synthesis and Engineering)
   It belongs to the subject of chemical engineering in the college of chemical
   engineering. In 1998, College of Polymer Science and Engineering began to recruit
   post graduate students of this direction.

2. Biomedical Engineering (Speciality: Biomedical Polymers and Artificial
   Organs)
The field of Biomedical Engineering (BME) is the interdiscipline of molecular and
development biology, chemistry, materials science, medical sciences and branches
of engineering able to inquire into the modes of action of the physical forces on
which many developmental phenomena depend. The subject of Biomaterials and
Artificial Organs is a branch of BME, which primarily focuses on the rebuilding
damaged, disused, aged or genetically deficient parts of human body by tissue
engineering principles and techniques with synthetic or natural materials, making an
exact or approximate biological replica or providing a non-biological substitute either
of which remedy a deficit and restore functionality. The characteristic of Biomedical
Polymers and Artificial Organs in Sichuan University is the study on natural and
synthetic polymeric materials and artificial organs. Its merit is research on medical
membranes, smart materials and artificial tissue heart valve, kidney, lung and blood
perfusion adsorbents.
Department of Biomedical Polymers and Artificial Organs started offering the Master
Program in 1979, and was honored the authorization for master degree in 1986.
After that, it was approved to confer doctor degree in 1992. Then a station for
postdoctoral research was established in 1999.
? Main courses for Master degree program
Introduction to Biomedical Engineering**
Introduction to Biomedical Materials**
Artificial organs**
Anatomy and Physiology**(no medicine)
Biochemistry and Molecular Biology**
Biological evaluation of biomedical devices**
The surface and interface of Biomedical Materials**
Biomedical mathematics (I) **
? Stem courses of graduate students for Doctor degree
Advanced Biomedical Engineering
Biomedical mathematics (II) **
Advanced Biomedical materials**
Tissue Engineering**
Proteins and cells at interfaces**
College of Polymer Science and Engineering

Faculty Members

Name: Fu Qiang
Professional Title: Professor, Tutor of doctor students
Specialty: Polymer Materials
Research Interests: Polymer nano-composites, Advanced composite
Degree: Ph.D. Sichuan University
Tel: (028)85460953

Name: Gu Yi
Professional Title: Professor, Tutor of doctor students
Specialty: Polymer materials
Research Interests: Functional polymer materials and matrix resin composite
Degree: M.S. Sichuan University
Tel: (028)85405138

Name: Wang Yue-Chuan
Professional Title: Professor, Tutor of doctor students
Specialty: Polymer materials
Research Interests: Functional polymers, Photoelectric polymer
Degree: Ph.D. Changchun Institute of Applied Chemistry Chinese Academy of Science
Tel: (028)85405243

Name: Jiang Lu-Xia
Professional Title: Professor, Tutor of doctor students
Specialty: Polymer materials
Research Interests: Advance composites, High performance polymers
Degree: B.S. Sichuan University
Name: Huang Guang-su
Professional Title: Professor
Specialty: Polymer materials
Research Interests: Emulsion polymerization and functional polymer materials
Degree: Ph.D. Sichuan University
Tel: (028)85463433

Name: Tang Jia-Ling
Professional Title: Professor
Specialty: Polymer materials
Research Interests: Lather chemical Materials, and Functional polymer materials
Degree: M.S. Sichuan University
Tel: (028)85405401

Name: Ye Guang-Dou
Professional Title: Professor
Specialty: Polymer materials
Research Interests: Theory and technology of chemical fiber formation, structures and properties of chemical fibers, polymeric materials, polymer composites, biomaterials
Degree: B.S. Sichuan University
Tel: (028)85400681

Name: Xu Jian-Jun
Professional Title: Professor
Specialty: Polymer materials
Research Interests: Smart polymeric materials, structure and properties of polymeric materials, Theory and technology of chemical fiber formation, polymer gels, functional polymers, high performance fibers
Degree: Ph.D. Hong Kong Polytechnic University
Tel: (028)85462013

Name: Yang Ming-Bo
Professional Title: Professor, Tutor of doctor students
Specialty: Polymer processing
Research Interests: Polymer physics, especially the phase transition and controlling rules of new kinds of polymer, and the aggregate structures in polymer processing.
Name: Huang Rui  
Professional Title: Professor, Tutor of doctor students  
Specialty: Polymer Processing  
Research Interests: Polymer, Polymer processing  
Degree: B.S. Sichuan University  
Tel: (028)85403513

Name: Shen Jing-Wei  
Professional Title: Professor, Tutor of doctor students  
Specialty: Polymer processing  
Research Interests: Morphology and rheology in polymer processing  
Degree: Ph.D. Ecole Nationale Superieur d'Art et Metier de France a Paris  
Tel: (028)85403643

Name: Liu Ting-Hua  
Professional Title: Professor  
Specialty: Polymer processing  
Research Interests: Extrusion theory and engineering, Visualization technology of polymer processing, New theory and equipment of polymer processing, CAD/CAE/CAM/CAPP of injection mold and extrusion dies  
Degree: Ph.D. Beijing University of Chemical Engineering  
Tel: (028)85462143

Name: Shen Kai-zhi  
Professional Title: Professor, Tutor of doctor students  
Specialty: Polymer processing Engineering  
Research Interests: Polymer morphology controlling technology and principle of plastics mould design  
Degree: B.S. Sichuan University  
Tel: (028)85403543

Name: Li Guang-Xian  
Professional Title: Professor, Tutor of doctor students  
Specialty: Polymer material  
Research Interests: Fundamentals of polymer processing, Phase behaviors of multi-component polymer, Novel polymer materials
Name: Wan Chang-Xiu
Professional Title: Professor, Tutor of doctor students
Specialty: Biomaterials and Artificial organs
Research Interests: Tissue Engineering, Natural biomaterials, Tissue heart valves
Degree: M.S. Sichuan University
Tel: (028)85405404

Name: Zhong Yin-Ping
Professional Title: Professor
Specialty: Biomedical Engineering
Research Interests: Medical polymers, Functional polymers
Degree: B.S. Sichuan University
Tel: (028)85405129

Name: Luo Xiang-Lin
Professional Title: Professor
Specialty: Biomedical Engineering
Research Interests: Functional polymer, Material surface chemistry
Degree: Ph.D. Moscow Institute of Fine Chemical Technology
Tel: (028)85466166
The College of Electrical Engineering and Information Technology is one of the largest colleges in Sichuan University, and the largest institution of higher education of this discipline in Southwest China, and as such we are home to a full range of activities within the spectrum of electrical, automation and communication engineering.

The college has excellent computing resources, well-equipped teaching and research laboratories and currently has 157 faculty members, among whom 19 are professors, 68 are associated professors and 10 are senior engineers. The college currently offers B.Eng., M.S., and Ph.D. programs to 1836 undergraduate students and 297 graduate students.

The college is the leading research institution of electrical engineering and information technology in Southwest China dedicated to the advancement, propagation and exploitation of knowledge in the sciences, engineering and management. The college is awarded plenty of external research grants including over 60 national funds during the past 5 years.

The college is located on Wangjiang campus of Sichuan University near downtown Chengdu, offering rich opportunities for collaboration with other research institutions, and a growing high-tech industry. Chengdu offers all the cultural amenities of a major city, and plenty of job opportunities.
College of Electrical Engineering and Information Technology

Ph.D. programs
Power system and its automation
Research areas:
Stability and control of voltage; FACTS; Power market; Power quality; Computer application in power system etc.

M.S. programs
1. Power system and its automation
Research areas:
Stability and control of voltage; FACTS; Power market; Power quality; Computer application in power system etc.

2. Electric machine and electric apparatus
Research areas:
New CAD technique for electric apparatus; New monitoring and control method for large electric machines.

3. Power electronics and power drives
Research areas:
Zero-switching tech.; Active power filter; Control of the electronics; Modeling of power electronics circuit etc.

4. High voltage and insulation technology
Research areas:
Electrical properties of insulating materials; Diagnosis of electrical insulation etc.
5. Electrical theory and new technology

6. Control theory and control engineering
   Research areas:
   Modeling, optimization and control of complex systems; Pattern recognition and computer graphics; Intelligent instrumentation.

7. Signal and information process
   Research areas:
   Modern signal processing; Deconvolution; Digital image processing; Optical communication; Medical Electronics.

8. Measurement technique and automation device
   Research areas:
   Intelligent instrumentation and reliability technology; Computer graphics recognition system and artificial visualization; Computer measurement and control etc.
College of Electrical Engineering and Information Technology

Bachelor programs

1. Electrical engineering and its automation
   Description:
   This program involves in power system and its automation, Power market, Power electronics, Electric machine and electric apparatus.

2. Control engineering
   Description:
   The core of the program is computer technology with special emphasis on intelligence, networking, and information. The program has five special directions: computer control and management, automatic control engineering, intelligent measurements and information process, intelligent instrumentation and computer applications.

3. Communication engineering
   Description:
   Communication department is a wide-field specialty, which combines communication theory with engineering technology, modern communication technology, computer network technology, electronic information technology and computer application technology.
Faculty Members

Liu Junyong, professor, Ph.D. Brunel University, UK

Research Interests:
Stability and control of voltage, FACTS, Power market, Power quality, Computer application in power system etc.

Li Xingyuan, professor, Ph.D. Tsinghua University

Research Interests:
Power system analysis, Stability and control, HVDC transmission systems, Power electronic application in power systems.

Yang Honggen, professor, Ph.D. Liege University, Belgium

Research Interests:
Analysis and control of power quality, Harmonic modeling and analysis methods.

Liu Nian, professor, Ph.D. Chongqing University

Research Interests:
Electric machine theory and new control technique, Large generator intelligent monitoring, Fault diagnosis for insulation condition of electric equipment.

Zhang Chao, professor, Ph.D. Nagoya University, Japan

Research Interests:
Electrical properties of insulating materials, Diagnosis of electrical insulation, Application of high voltage technology etc.

Zhou Buxiang, professor, Ph.D. Chongqing University
Research Interests:
Automatic Dispatch for power system, Tel-control and telecommunication, Information process in power system.

Huang Nianci, professor, TsingHua University
Research Interests:
Zero-switching tech., Special industry power source.

Liu Tianqi, professor, Ph.D. Chongqing University
Research Interests:
Power systems analysis and stability control, HVDC, Computer Application in power system, etc.

Jing Dong, professor
Research Interests:
Communication Engineering

Zhang Daiyun, professor, Ph.D. Moscow Power Institute, Russia
Research Interests:
Active power filter. Control of the power electronics equipments.

Zhao Yao, professor, Ph.D., Osaka University, Japan
Research Interests:
H2/H8 robust control, Intelligent control, Predictive control, Internal model control.

Liu Yusheng, professor, M.S. Huazhong University of Science and Technology
Research Interests:
Modeling, optimization and control of complex systems, Adaptive control, Intelligent control.

Wang Daohui, professor, B.S. Chengdu University of Science and Technology
Research Interests:
Computer control and management, Intelligent diagnosis of faults and fault-tolerant, Intelligent instrumentation and reliability technology.

Tu Yuanzhao, professor, M.S. Zhejiang University
Research Interests:
Computer control and management, intelligent control.

Huang Shan, professor, Ph.D. Sichuan University
Research Interests:

Computer control, pattern recognition and computer graphics.
College of Architecture and Environment

The College of Architecture and Environment consists of four departments: Architecture, Civil Engineering, Engineering Mechanics, Environmental Science and Engineering, along with a number of centers and key research laboratories: The Research Center of Western China Resources and Environment Network Under China National Education Commission, Sichuan Province Key Research Laboratory of Biomechanics, Qualified Personage Education Base for Civil Engineering, etc.

There are 160 staff members in the College, among whom twenty are professors, forty-five associate professors, and forty-nine lecturers. More than 300 students have graduated from the Institute with doctorate and master degrees, and over 3000 undergraduates with bachelor degrees during the last decade. The College has at present over twenty Ph.D. candidates, two hundred and seventy graduate students and five thousand undergraduates. The College has undertaken over thirty research projects at both national and provincial levels. It has won over ten national and provincial prizes and patents, and has published twenty textbooks and professional books and four hundred papers. The College attaches great importance to international and cooperation and has developed a wide academic exchange with universities in the United States, Germany, and Hong Kong in research and teaching projects.
College of Architecture and Environment

Programs Offered

Architecture
To train architects with theory and technology in architectural design, city planning, in-door design and decoration, landscape design etc.
Degrees conferred: Bachelor & Master

City Planning
To train city planners with basic theoretical knowledge of architectural complex project design and garden design.
Degrees conferred: Bachelor & Master

Civil Engineering
To train civil engineers with the ability of project planning, building structure design, construction techniques and engineering management, town construction and development.
Degrees conferred: Bachelor & Master

Water Supply and Discharge Engineering
To train water engineers with a strong theoretical basis of water treatment and water resource protection, and water engineering technologies.
Degrees conferred: Bachelor & Master

Engineering Mechanics
To train mechanic engineers who have both solid mechanical-mathematical bases and ability in computation, experimentation and soft ware developing.
Degrees conferred: Bachelor Master Doctor (in Solid Mechanics)
Main Courses: Bio-solid mechanics Break-damage Mechanics Computational Solid

Environment Science
To train environmental scientists with a strong theoretical basis of environmental science, familiar with environmental analytic methods, able to apply new technologies, new methods, and new instrument to assay pollutants, and capable of controlling the environmental quality to make environmental evaluation, planning and management.

Degrees conferred: Bachelor Master Doctor

Disciplines: Environmental pollution chemistry Synthesis of environmental materials and the applications Environmental analysis and controlling Water treatment Residence buildings and environmental protection Environmental information system Regional environmental comprehensive renovation Environmental economy and public policy


Environmental Engineering
To train environmental engineers with a strong theoretical basis of environmental science and knowledge, familiar with environmental analytical methods, able to apply new technologies, new methods, and new instrument to assay pollutants, capable of controlling the environmental quality to make environmental evaluation,
Biomedical Engineering
To train biomedical engineers with a strong theoretical basis, a wide range of professional knowledge, and practical technological ability.

Disciplines: Biomechanics, artificial organs, biomaterials, bio-signal and imagines.
Main courses: Electronics technology Computer program design Biomedical sensor Digital signal systems Treatment of medical images Medical imaging Medical instrument Biomechanics Physiology Bio-chemistry Anatomy Modern chemistry Engineering mechanics Biomedical engineering Biomaterial and Artificial organs Assay of biomaterials Medical instrumental principle and applications Modeling and simulating of physiological systems

Degrees conferred: Bachelor Master Doctor

Remarks: Courses delivered bilingually in Chinese and English.
College of Architecture and Environment

Faculty Members

Main Faculty Members

Xie Heping, President of Sichuan University, Academician of Chinese Academy of Engineering, Professor of Rock Mechanics & Mining and Energy Engineering.
Tel: 86-28-85406002 Fax: 86-28-85401825
E-mail: xiehp@scu.edu.cn xiehp@cumtb.edu.cn

Ai Nanshan, Professor of Environmental Science
Graduated from Lanzhou University
Research interests: Ekistics, environmental geography, Geographical Environment and Human-Earth Interrelationships
Tel: 028-85405897 (h), 028-85412937 (o)
E-mail: nsai@email.scu.edu.cn ainanshan@vip.sina.com

Chen Junkai, Professor of Biomechanics
Research interests: Blood flow dynamics of cardiovascular system, Simulation of cardiovascular system, Fluid dynamics of artificial cardiac valve
Tel: 028-85405447
E-mail: JKchen@mail.sc.cninfo.net

Chen Qiande, Professor of Fluid Mechanics Vibration engineering and control, Bachelor of North-West University of Technology
Tel: 028-85401933
E-mail: css77.student@sina.com

Dan Dezhong, Professor of Environmental Survey and Instrumental Analysis, Environmental Analysis and Monitoring, B.S. Chengdu University of Technology
Research interests: Environmental Analysis and Monitoring, electro analytical science and analytical chemistry for biomedical.
Tel: 028-88829872, 028-85407347
E-mail: dezhongdan@hotmail.com

Fan Yubo, Professor of Biomechanics, Ph D. Sichuan University
Research interests: Mathematical and Computer Simulation of Cardiovascular Circulatory System, Computational Biomechanics, Cellular Mechanics and Measurement, Artificial Heart Valves
Tel: 86-28-85403997 (Home) 86-28-85405140 (Office),
Cell: 86-28-88038350 86-13708036201
E-mail: ybfan@mail.sc.cninfo.net yubofan@yahoo.com.cn
Fax: 86-28-85403997

Jiang Wenju, Professor of Atmospheric Pollution Controlling Engineering
Environmental Engineering, Ph.D. Chemical Technology, Sichuan University
Research interests: Environmental Engineering
Tel: 028--85405713
E-mail: JWJ@263.net

Kang Zhenhuang, Professor of Biomechanics

Li Zhangzheng, Professor of Structural Mechanics, Structural Engineering, Bridge Engineering, Ph.D. Sichuan University
Research interests: Large-span Bridge Structure Engineering Composite Structural Engineering
Tel: 028- 85402035

Luo Tejun, Professor of Mechanics Multi-body mechanics,
Master of Zhejiang University, Hangzhou, China
Tel: 86 028 85402632
E-mail: cdltj@mail.cn.cninfo.net

Ning Jiaoxian, Professor of Biomedical Engineering
Graduated from Chengdu Institute of Technology
Research interests: Biomedical Engineering, Experimental Mechanics Data Collection and Image Treatment
Tel: 86-028-85402537
E-mail: jxsning@263.net
Pei Jue Min, Professor of Biomedical Engineering, Chemical Engineering, Membrane Engineering, Artificial Organs, Ph.D. University of Strathclyde, Glasgow, Scotland, UK
Research interests: Chaotic and fractal theory application in human lungs, Artificial lungs, Membrane oxygenator application in sea farming.
Tel: 86 028 8540 3903
E-mail: jmpei@mail.sc.cninfo.net

Qin Shilun, Professor of Solid Mechanics Continuous medium mechanics and thermodynamics, Master of Sichuan University)
Tel: 85409119
E-mail: qinshilun@163.net

Tan Dalu, Professor of Civil Engineering Management, Investment Analysis and Costing Management, Engineering Project Planning Investment and Capital Management
Master of Wuhan University of Technology.
Tel: 86- 028- 85403857
E-mail: TDL56@163.com

Tang Ya, Professor of Environmental Biology, Ph.D. Kunming Institute of Botany
Research interests: Environmental biology, biodiversity and environmental studies, and sustainable mountain development.
Tel: 028-85400393, 028-85213215
E-mail: Tangya@cib.ac.cn

Tan Xiaoping Professor of Biomedical Engineering, Fluid Mechanics, Bachelor & Ph. D. Tsinghua University
Research interests: Chaotic theory and fractal theory application in human lungs.,
Tel: 86 028 8540 3903
E-mail: jmpei@mail.sc.cninfo.net

Wang Qingyuan, Professor of Solid Mechanics, Ph.D. Sichuan University
Ph.D. Ecole Centrale Paris (ECP) France 1998
Research interests: Fatigue, fracture and durability, Accelerated fatigue testing Giga-cycle fatigue behavior, Long-term reliability of MEMS, Fatigue damage in Bone Fire performance of concrete, Mechanics of advanced engineering materials
Wang Qizhi, Professor of solid mechanics and geo-technical engineering, Ph D. Chongqing University, Bachelor of Tshinghua University
Research interests: Solid mechanics, geomechanics, fracture mechanics
Tel: 028-85404902(h), 028-85405117(o)
E-mail: Qzw@scu.edu.cn

Xiong Feng, Professor of Structural Engineering, Rock mass mechanics, Ph.D. Sichuan University
Research interests: Engineering structural analysis and computational simulation.
Tel: 86 028 85405613 (o), 8540 2825 (h)
E-mail: fengxiong99@hotmail.com

Yang Junliu, Professor of Fluid Mechanics Industrial fluid mechanics Master of China Scientific University, Beijing, China)
Tel: 028-85402251
E-mail: jlyang@scu.edu.cn

Yuan Zhirun, Professor of Biomedical Engineering

Yu Jianhuan, Professor of Solid Mechanics Structural Optimization and Control Ph.D. Besancon University, France
Tel: 86 028 85627867
E mail: hemeiyu8@mail.sc.cninfo.net

Zhang Xingpe, Professor of Structural Engineering.
College of Hydraulic and Hydra-electric Engineering can be dated back to Department of Civil and Hydraulic Engineering of College of Science and Technology of Sichuan University built in 1944. The college now consists of State Key Hydraulics Laboratory of High-Speed flows, Research Institute of Water Resources and Hydro-science, Department of Water Conservancy and Hydro-power Engineering, Department of Hydrology and Water Resource, Department of Thermal Energy and Power Engineering and Department of Agriculture Water Conservancy Engineering. The college has several laboratories: Laboratory of Civil and Hydraulic Engineering, Laboratory of Hydrodynamics, Laboratory of Water and Soil Resources Information and Laboratory of Geo-technical Engineering, among which Laboratory of Geo-technical Engineering is awarded “Provincial Key Laboratory”. The college has established a multi-discipline and multi-level system of teaching and research: offering first-class discipline doctor program in Water resources Engineering; the state key discipline (hydraulics and river hydrodynamics); provincial key discipline (geo-technical engineering); the discipline (hydraulics and river hydro-dynamics) in
which “Specially appointed professor” by the Yangtze River Academic Plan; the discipline of Water Resources and Hydro-power Science and Engineering is listed in the state construction plan of “211 project”; two post-doctor stations; seven fields in which both Ph.D. degree and M.S. degree can be conferred and 4 specialties for undergraduate students. There are now over 1200 students in the college, including over 220 students for master and doctor degrees. Now the college has a staff of more than 130, including 29 professors (17 of whom are supervisors of Ph.D. candidates) and 36 associate professors, of whom 52 percent have Ph.D. or master degrees. In the past five years, the college has undertaken many national and regional research projects of water resources and hydra-power, such as Ertan, Three-gorge project, Xiluodu, Pubugou and so on. In the completed research projects, 3 are awarded state first-class prize for progress in science and technology, 2 are awarded state second-class prize for progress in science and technology, 28 are awarded provincial prize for progress in science and technology, 32 accredited by academician, including about 20 reaching international advanced level. The college develops actively domestic and international academic exchange and cooperative research. More than 100 experts or scholars have visited the college to give lectures or carry on some co-research in the recent years. Now the college has established friendly cooperative ties with universities and research institutions in England, Japan, America, Canada, Australia and Taiwan Province of China.
## Programs Offered

(* Courses delivered in English; ** Courses delivered bilingually in English and Chinese)

<table>
<thead>
<tr>
<th>Major</th>
<th>Description</th>
<th>Degree Offered</th>
<th>Courses Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Conservancy and Hydro-power Engineering</td>
<td>To cultivate engineering talent engaged in the plan, design, construction, scientific research and management of water conservancy and hydropower engineering.</td>
<td>Bachelor</td>
<td>Mechanics of Elasticity and Finite Element **; Soil Mechanics **; Construction Material **; Construction Organization And Management **</td>
</tr>
<tr>
<td>Hydrology and Water Resource</td>
<td>To cultivate the engineering talent engaged in the plan, exploration survey, design, prediction, management, techno-economic analysis and scientific research of hydrology, water resource and environment.</td>
<td>Bachelor</td>
<td>Environmental Hydraulics and Water Quality Model **; Water Resource Plan and Management **</td>
</tr>
<tr>
<td>Thermal Energy and Power Engineering</td>
<td>To cultivate the engineering talent engaged in the design, manufacture, operation, management and experimental research, erection, development, marketing of thermal energy and power engineering.</td>
<td>Bachelor</td>
<td>Hydropower Station Main Generator Equipment **</td>
</tr>
<tr>
<td>Agriculture Water Conservancy Engineering</td>
<td>To cultivate the engineering talent engaged in the exploration survey, plan, design, construction, management and scientific research of water-conservation measure in agriculture, hydroelectric power, soil and water conservation.</td>
<td>Bachelor</td>
<td>Soil Mechanics **; Construction Material **; New Technology Of Water Saving **</td>
</tr>
<tr>
<td>Hydraulics and River Dynamics</td>
<td>Research Directions: Engineering Hydraulics; River Works and City Hydraulics; Environmental Hydraulics and Water Pollution Control; Computational Hydraulics and Non-uniform Flow; Modern Fluid Survey Technology</td>
<td>Master</td>
<td>Computational Fluid Dynamics **; Special English **</td>
</tr>
<tr>
<td>Geo-technical Engineering</td>
<td>Research Directions: Soil Dynamical Mechanics; Petrologic Mechanics and Engineering; Soil Statics; Foundation and Dam Engineering; Engineering Numerical Modeling, Checking and Earthquake-Resistance</td>
<td>Master</td>
<td></td>
</tr>
<tr>
<td>Programs Offered</td>
<td>Research Directions</td>
<td>Degree</td>
<td></td>
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</tr>
<tr>
<td><strong>Hydroelectric Construction Management</strong></td>
<td>Project Exploration and Margin Management; Project Organization and Implementation Management; Project Contract and Risk Management.</td>
<td>Master</td>
<td></td>
</tr>
<tr>
<td><strong>Water Conservancy and Hydro-power Engineering</strong></td>
<td>Hydropower Station Hydraulics and Dynamical System; Hydroelectric Structure; Water-Conservation Measure in Agriculture; Hydraulic Exploration and Environment Protection.</td>
<td>Master</td>
<td></td>
</tr>
<tr>
<td><strong>Hydraulics and River Dynamics</strong></td>
<td>This subject was established in 1950's and based on the State Key Laboratory of Hydraulics on High Speed Flows (SKLH) and the research station opened for post doctors. Research Directions: Engineering Hydraulics; River sediment Works; Environmental Hydraulics; Hydropower Station Hydraulics.</td>
<td>Doctor</td>
<td></td>
</tr>
<tr>
<td><strong>Water Conservancy and Hydro-power Engineering</strong></td>
<td>Water Conservancy and Hydropower Engineering; Hydraulic Engineering Structure; Water-Conservation Measure in Agriculture; Hydraulic Exploration and Environment Protection.</td>
<td>Doctor</td>
<td></td>
</tr>
<tr>
<td><strong>Hydraulic Structure Engineering</strong></td>
<td>Hydraulic Structure Engineering</td>
<td>Doctor</td>
<td></td>
</tr>
<tr>
<td><strong>Harbor, Coast and In-shore Engineering</strong></td>
<td>Harbor and Inland River Waterway.</td>
<td>Doctor</td>
<td></td>
</tr>
<tr>
<td><strong>Geo-technical Engineering</strong></td>
<td>Petrologic Mechanics and Engineering; Soil Dynamics; Soil Statics; Foundation and Dam Engineering; Project Checking and Computer Application.</td>
<td>Doctor</td>
<td></td>
</tr>
<tr>
<td><strong>Hydropower Station Construction Engineering Management</strong></td>
<td>Project Management; Hydroelectric Engineering System Plan and Dynamical Economic.</td>
<td>Doctor</td>
<td></td>
</tr>
</tbody>
</table>
College of Light Industry & Textile & Food Engineering

College of Light Industry & Textile & Food Engineering derives from the leather specialty and food specialty of College of Sichuan Chemical Engineering founded in 1952, and chemical fiber specialty of Chengdu Technical College, which was first founded in China in 1958. After half a century, the college has contributed much to our nation in providing talent in the fields of Light Industry, textile and food science, and in advancing the science and technology. At present, the college consists of Leather Engineering Department, Textile and Garment Engineering Department, Food Engineering Department, the Key Laboratory of Leather Chemistry and Engineering of the Ministry of Education, and Research Institute of Textile. It has 4 undergraduate programs, 5 master programs, 3 Ph.D programs, 1 center for postdoctoral studies, 1 national key discipline, all of which qualifies it as one of the most prominent colleges in Sichuan University.

Currently the college has a total staff of 116, including 61 professors (research fellows) and associate professors (associate research fellows, senior engineers), 7 Ph.D. program tutors, 1 academician in the Chinese Academy of Engineering (specially engaged professor), 1 “Changjiang Academician” specially engaged professor, and 2 members of the Discipline Appraisal Group.

The college has developed extensive and intimate associations with colleges, universities, and institutes both at home and abroad.

- Programs Offered
- Faculty Members
## Programs Offered

<table>
<thead>
<tr>
<th>Major</th>
<th>Length of Schooling</th>
<th>Courses Delivered in English</th>
<th>Degree</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light and Chemical Industry Engineering</td>
<td>Four years</td>
<td>Yes</td>
<td>B. Eng</td>
<td></td>
</tr>
<tr>
<td>Food Science &amp; Engineering</td>
<td>Four years</td>
<td>Bilingual (English &amp; Chinese)</td>
<td>B. Eng</td>
<td></td>
</tr>
<tr>
<td>Dress Designing &amp; Engineering</td>
<td>Four years</td>
<td>Ditto</td>
<td>B. A</td>
<td></td>
</tr>
<tr>
<td>Dress Designing &amp; Engineering (engineer)</td>
<td>Four years</td>
<td>Ditto</td>
<td>B. Eng</td>
<td></td>
</tr>
<tr>
<td>Textile Engineering</td>
<td>Four years</td>
<td>Ditto</td>
<td>B. Eng</td>
<td></td>
</tr>
</tbody>
</table>
College of Light Industry & Textile & Food Engineering

Faculty Members

Zhenjin Duan: Academician of the Chinese Academy of Engineering; Specially engaged professors; Chemistry of leather manufacture, cleaner leather technology.

Dacheng Wu: Tutor of Ph.D. candidates; Member of the Discipline Appraisal Group; surface and interface of polymer.

Bi Shi: Tutor of Ph.D. candidates; Specially engaged professor of “Changjiang Encouragement Project for Academicians”; Chemistry of leather manufacture, chemistry of vegetable tannin.

Xinshen Zhang: Tutor of Ph.D. candidates; Analysis and determination of processing and leather products.

Wuyong Chen: Tutor of Ph.D. candidates; Chemistry of leather manufacture, cleaner leather technology.

Tingyou Zhang: Tutor of Ph.D. candidates; Leather chemicals, mechanism and technology of few chrome tanning.

Xushan Gao: Tutor of Ph.D. candidates; High-tech textile research and developing.

Xiaoli Lu: Processing and preservation of food

Jian Hua: Developing of functional fiber, bio-degradation material, and new non-weaving material.

Zhiqiang Li: Collagen chemistry, applied science of enzyme.
Guoying Li: Chemistry of leather manufacture, leather chemicals.

Puxin Zhu: Manufacture and processing of new type of synthesized fiber, mechanism of finishing procedure.

Weihua Dan: Cleaner leather technology, dermal histological engineering.

Wenxue Zhang: Ecologic food science and biologic technology.

Zongcai Zhang: Leather chemical, environmental biological technology.

Yanxia Chen: Special finishing, processing methods of textile and application, research and developing of new type of textile and function.

Qingen Zhen: Reactive polymer, macromolecule physics, and new type of auxiliary of textile.

Zhizhua Shan: Chemistry of leather manufacture, reaction between metal organic and protein.

Shishen Fu: Mechanism of formation of fiber and structural function, research and manufacture of fiber de-natured from silk protein, application of silk protein fiber.

Longli Liao: Leather manufacturing engineering, dermal histological engineering.

Kunyu Wang: Cleaner leather engineering, dermal histological engineering.

Xuewen Liu: Food chemistry and engineering etc.

Fanjun Zeng: Hygienical food etc.

Kai Yao: Developing of food resource.

Overseas students, visiting scientists and technicians are welcome to College of Light Industry & Textile & Food Engineering to study and carry out co-operative research.

Contact Information

Add: College of Light Industry & Textile & Food Engineering, Sichuan University, P. R China
Post Code: 610065

Contact Person: Dean Wuyong Chen (Prof.)

Official in Charge: Mr. Changjiang Qiao

Tel:

86-28-85465840
86-28-85465836
86-28-85405237

E-Mail: Leather@x263.net
The West China College of Medicine, Sichuan University, was founded in 1913 within what was then the Medical College, West China Union University. At present it consists of 5 Divisions: the Clinical Medicine, the Laboratory Medicine, the Higher Nursing Education, the Maternity and Child Hygiene, and Allied Health Professions. There are more than 2000 students for bachelor degree and about 1000 students for Master or Doctor degree. The school enjoys a very high reputation for its high quality of education and long history of medical schooling education. It has been regarded as one of the top 5 medical schools in the country for more than half century.

Programs Offered

Faculty Members
College of Medicine

Programs Offered

<table>
<thead>
<tr>
<th>Major</th>
<th>Schooling</th>
<th>Degree</th>
<th>Courses Delivered in English</th>
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<tr>
<td>Medicine</td>
<td>5-year</td>
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<td>7-year</td>
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<td>5+3-year</td>
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<td>5+3+3 year</td>
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<td>Laboratory Medicine</td>
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<td>Bachelor</td>
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<td>4+3 year</td>
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</tr>
<tr>
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<td>4+3+3 year</td>
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<td>Maternity and Child Hygiene</td>
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<tr>
<td></td>
<td>5+3 year</td>
<td>Master</td>
<td>Yes</td>
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<td>Allied Health Professions</td>
<td>4-year</td>
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<td>No</td>
</tr>
<tr>
<td></td>
<td>4+3 year</td>
<td>Master</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Faculty of Medicine

The faculty offers 5-year and 7-year programs. Bachelor degree of medicine will be conferred to the graduates of 5-year program, Master degree will be conferred to the graduates of 7-year program. Curriculum of the medicine has been reformed since early 1990's and is one of the best medical curricula in the country. The faculty is famous for a number of characteristics, including clinical skills teaching and assessment, final medical examination for graduates, and very high immediate employment rate of the graduates. The faculty can offer all the teaching in English. In 2001, it recruited a class of foreign medical students. Then, we recruit about 30 foreign students each year. More and more overseas students from Taiwan and Hong Kong come to study here.

Courses Offered:

Courses for medical bachelor program
(1 to 22 are required courses)

1. Introduction to Clinical Medicine
2. Diagnostics
3. Pathology
4. Diagnostic Radiology
5. Medical Psychology
6. Introduction to Surgery
7. Internal Medicine
8. Surgery
9. Obstetrics and Gynecology
10. Pediatrics
11. Ophthalmology
12. Otorhinolaryngology
13. Neurology
14. Infectious Diseases
15. Dermatology
16. Psychiatrics
17. Nuclear Medicine
18. Medical Genetics
19. Clinical Epidemiology and Clinical Research Design
20. Forensic Medicine
21. Traditional Chinese Medicine
22. Geriatrics

(Selective courses)
23. Acupuncture
24. Modern Oncology
25. Clinical Pharmacology
26. Rehabilitation
27. Emergency Medicine

(Courses for Master program)
28. General and Systemic Pathology
29. Immuno-histochemistry
30. Molecular Pathology
31. Ultrastructural pathology
32. Advanced systemic pathology
33. Fundamentals of oncology
34. Clinical research design, measurement and evaluation
35. Flow cytometry
36. Gene therapy
37. Microsurgery
38. Medical genetics
39. Modern techniques of pathology
40. Molecular pathology
41. Evidence-based medicine

The faculty offers Master degree for 3-year program, which recruits graduate from medical school with bachelor degree of medicine. It also offers Doctoral degree for 3-year program, which recruits candidates with Master degree.

Faculty of Laboratory Medicine

The faculty has a long history (built in 1927) but was paused in the beginning of new China and has been renewed since 1987.

Medical bachelor’s degree courses are in five years, including three years fundamental and clinical medical courses, one-year laboratory medicine professional courses, three-month clinical practice, three-month project study and half-year clinical laboratory practice. Master’s degree courses are in three years, include one and half years degree courses and one and half years project studying. Each year we recruit 45 students. There are five master’s degree supervisors who are in Clinical Immunology, Clinical Hematology, Clinical Biochemistry, Clinical Microbiology and in Clinical Pharmacology.

The Faculty has six teaching and research groups, which are Clinical hematology, Clinical Biochemistry, Clinical Immunology, Clinical Microbiology, Clinical Pharmacology and Transfusion. There are four Professors and ten associate Professors. It is a typical integrated Clinical and Teaching department model. All the teachers come from clinical laboratories. So they have not only theory knowledge, but have rich clinical experience. Moreover, it offers students excellent practice bases. The Department has been supported three times by the China Medical Board (CMB) project found since 1992. There are broad and active collaboration with experts in American, England and Hong Kong. Many teachers have been trained in American, England and have participated in compiling textbooks planed by National People Health Publishing House. The Department laboratories are equipped very well with support from CMB found, the university and its affiliate hospital.

Students come from different parts of China. They enjoy very good employment channels. The immediate employment rate has been 100% since the department was renewed. They are employed in different parts of China, mostly in large city hospitals.
Faculty of Nursing

The Faculty of Nursing was established in 1915, with joint efforts of the five missionary organizations from the U.S.A., England and Canada. It was formerly known as the Nursing School of West China Union University. The faculty is situated on the Huaxi campus of Sichuan University, with a total building area of 8600 square meters and a student population of 1000. Among its over 50 teachers, 28 are associate professors or professors, and 10 have been granted Master's degree in nursing. During recent years, more than 100 academic papers have been published. In addition, it has participated in the compiling of 24 nation-widely-used textbooks, among which 6 are chief-edited by our school. Strongly supported by the university and the university hospitals, the Faculty has made great progress in its education, research and clinical service. Through nearly 90 years' development, it has grown up to a nursing education and training center offering various educational programs for secondary students, college students and postgraduate students, as well as advanced training programs for the nurses.

Courses Offered:
Advanced Mathematics
Organic Chemistry
Pathology
Pathophysiology
Pharmacology
Parasitology
Bio-chemistry
Immunology
Systematic Anatomy
Histology and Embryology
Physiology
Statistics
Nutrition
Nursing English
Introduction of Nursing *
Faculty of Allied Health Professions

Since 1997, the Faculty of Allied Health Professions (FAHP) has been training highly skilled and dedicated health-care professionals in many fields. Whatever their specialty, West China graduates enjoy job security, good wages, and the pleasures of a personally rewarding career. FAHP presently offers 5 specialty areas in five departments: respiratory therapy and critical care, imaging technology, rehabilitation, nutrition and dietetics, optometry. Allied health profession students earn bachelor degree of science and all programs have the advantage of offering students training in a progressive, state-of-the-art medical center and in clinical facilities throughout the country.

The Respiratory Therapy Program of the FAHP has the mission to train effective and competent respiratory care practitioners. The curriculum is designed to prepare the graduate of the program to take a leadership role in all the different clinical settings where respiratory therapy is practiced. Respiratory therapists work with physicians and allied health professionals to diagnose and treat patients with disorders associated with the
respiratory and cardiovascular systems. Therapists may be required to exercise considerable independent clinical judgment under the direct or indirect supervision of a physician. They are trained to act as technical resource persons for both physicians and other health care professionals.

The Imaging Technology Program of the FAHP trains radiographers to produce and process radiographic images that permit accurate interpretation of the human anatomy on x-ray film and/or computer display monitors. Radiographers may perform specialized techniques such as quality assurance, pediatric, geriatric, and trauma radiography, fluoroscopy, mammography, myelography, computed tomography (CT), magnetic resonance imaging (MRI), ultrasound, cardiovascular/interventional technology (CVIT) and the nuclear medicine technology (NMT). Their technical skills include positioning the patient, operating radiographic equipment, and practicing radiation safety techniques.

The Rehabilitation Program has a few specialties: physical therapy, occupational therapy and speech pathology etc. Physical therapists evaluate and treat patients with disease, injury, or disabilities. The physical therapy techniques are applied to restore strength, flexibility, and coordination, and to reduce pain, and generally prepare the patient to function more effectively at work and in activities of daily living. Agents such as heat, light, electricity, water exercise, and massage are used. While working with patients, psychological and sociological principles are used to motivate and instruct. Occupational therapists assist individuals when physical or mental illness, trauma, developmental conditions, or aging processes interfere with performance of significant life tasks. Occupational therapists aid clients in the rehabilitation process through use of activities of special interest to the client. If complete recovery is not possible, occupational therapists help persons maintain their independence. This process may involve modifying activities, using assist equipment or technology, identifying and removing environmental barriers, or educating others.

The Optometry Program has an unyielding commitment: (1) to engage in academic research, which provides the underpinning of optometric and vision science education and service; (2) to strengthen the provision of optometric care to a diverse public; (3) to cherish the value that diversity in faculty and students brings to optometry and vision science; and (4) to treat fairly the faculty, students, and staff. The program's achievement of its mission will be measured by the success of students and the faculty who learn, create, teach, and provide patient care.

The Nutrition and Dietetics Program prepares one for a career as a dietitian. The dietetics is recognized as an expert in food and nutrition. Dietitians practice in schools, colleges, universities, and industrial cafeterias, and restaurants as food service administrators.
They may be members of the health care team in acute care or long-term care settings or outpatient settings. Community nutrition is attractive to some dietitians who seek to teach, monitor, and advise people in public or home health agencies, daycare centers, health and recreation clubs, or government-funded programs. The dietitian may be an educator in a school, college, university, or other educational program. Some serve as consultants and establish their own private practice for individual clients, physician groups, and/or health care facilities including food production consulting in nursing homes. Dietitians in business choose careers in industry where they may develop, market, and sell products. The scope of practice as a dietitian is limited only by the individual's creativity.

Faculty of Maternal and Child Hygiene

The Faculty of maternal and child health care mainly undertakes the businesses of teaching, medical treatment, scientific research and health-care service in community concerned with health of women and children. The department offers the major of maternal and child health care, which takes clinical medicine as base and focuses on health-care of women and children. The department has set up an integrated teaching system, including well-rounded teaching schemes and teaching materials. This department has one computer lab and five training bases. Since 1992, 293 students have been enrolled in this department. Until now, 7 sessions of students have been graduated. Students of every grade develop comprehensively in morals, intelligence and physical stature. Their learning performances are ranked high among the five-year undergraduates of clinical medicine. The passing rate of band 4 of national college English test is from 94.4 percent to 100 percent and the rate of band 6 is 33.3 percent to 57.7 percent. The graduating rate is 100 percent, the employment rate is 90 percent and the rate of master degree studying is from 5.6 percent to 33.3 percent.

The major aim of this specialty is to train students comprehensively in morals, intelligence and physical stature, and at the same time to train them to be familiar with clinical work, prevention and health care, teaching and scientific research. Our graduates are not only suitable for management of health care of maternal and child health, but also able to work at gynecology, obstetrics and pediatrics departments in polyclinic hospital, and at the same time they can also undertake the teaching work in medical college.

The students of this specialty have to learn the basic theory, fundamental knowledge and essential skills of fundamental medicine, clinical medicine and public health. They should also study prevention and treatment of diseases, improvement of health, the basic knowledge and skills of health-care management, the basic theory and skills of design and implement in scientific research.

The Faculty offers the following courses:
College English, anthropometry, histology and embryology, physiology, biochemistry, pharmacology, microbiology, immunology, pathology, diagnostics, internal medicine, surgery, pediatrics, gynecology and obstetrics, child health care, maternal health care, genetics, statistics, maternal and child psychology, maternal and child nutrition, management of maternal and child health, epidemiology, health education, communication among people, special English and computer application, etc.
### Professors in College of Medicine (including West China Hospital), Sichuan University

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<th>Name</th>
<th>Discipline</th>
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<td>Master Sichuan U**</td>
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<td>Wan Xuehong</td>
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<td>Ma Xingyi</td>
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<td>Wang Guogui</td>
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<td>Feng Yuling</td>
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Zhang Zhen Gastroenterology 85422358 Master
Tang Hong Cardiology 85422343 Master
Huang Dejia Cardiology 85422343 Master
Yang Yiming Hematology 85422366 Master
Liu Ting Hematology 85422366 Master
Liao Xiaomei Hematology 85422366 Bachelor Chong Qin Med. Uni.
You Chao Nervous Surgery 85422488 Master
Liu Wenying Pediatric Surgery 85422456 Doctor
Wang Minghe Pediatric Surgery 85422456 Bachelor
Zhao Yongfan Thoracic Surgery 85422498 Bachelor
Cheng Xiaoli General Surgery 85422474 Master
Zhang Eryong Thoracic Surgery 85422498 Master
Zhong Ling Pediatric Surgery 85422556 Master
Xiao Xijun Thoracic Surgery 85422498 Master
Liu Hao Orthopedic Surgery 85422426 Master
Yang Tianfu Orthopedic Surgery 85422469 Bachelor
Li Yaqin Orthopedic Surgery 85422080 Bachelor
Li Fuyu Orthopedic Surgery 85422456 Master
Song Yaoming Orthopedic Surgery 85422426 Doctor
Yang Zhiming Orthopedic Surgery 85422426 Bachelor
Lu Yiping Urology Surgery 85422469 Doctor
Yang Yuru Urology Surgery 85422469 Bachelor
Li Hong Urology Surgery 85422469 Bachelor
Huang Shiqin Nervous Surgery 85422488 Bachelor
Li Bo General Surgery 85422474 Doctor
Lu Shichun General Surgery 85422474 Master
Wu Xiaoting General Surgery 85422480 Doctor
Zhou Zhongguang General Surgery 85422480 Doctor Linz Uni. Austria
Du Jingping General Surgery 85422474 Master
Yan Lvnan General Surgery 85422474 Doctor
He Sheng General Surgery 85422465 Bachelor
Li Ling General Surgery 85422465 Doctor
Qin Ying Burn Surgery 85422419 Doctor
Zhou Qinhua Thoracic Surgery 85422498 Master
Cheng Kefang Nursery 85422043 Bachelor
Wei Fukang Pediatric Surgery 85422465 Bachelor Wuhan Med. Uni.
Zhang Zhaoda General Surgery 85422480 Doctor
Shi Yingkang Thoracic Surgery 85422001 Master
Lei Bingjun Infectious Diseases 85422636 Bachelor
Chao Zhongliang Infectious Diseases 85422636 Bachelor West China Union Uni
Zhao Liansan Infectious Diseases 85422636 Master
Liu Zhigui Infectious Diseases 85422636 Bachelor
Yang Zhigang Radiology 85422746 Master
Zhou Xiangping Radiology 85422746 Master
Xia Zhongyou Radiology 85422746 Bachelor Sichuan University
Deng Houfu Nuclear Medicine 85422696 Master
Kuang Anren Nuclear Medicine 85422696 Master
Liang Zhenlu Nuclear Medicine 85422696 Bachelor Beijing University
Luo Qinli Ophthalmology 85422538 Master
Cheng Xiaoming Ophthalmology 85422538 Doctor
Hu Yuzhang Ophthalmology 85422538 Bachelor Chong Qin Med. Uni.
Wei Chunyi Ophthalmology 85422538 Bachelor
Liang Chuanyu ENT 85422436 Master
Qin Xueling ENT 85422436 Master China Med. Uni.
Li Changling ENT 85422426 Bachelor
An Huiming ENT 85422426 Bachelor
Liu Shixi ENT 85422426 Doctor
Liu Ming Neurology 85422546 Master
Luo Zhuming Neurology 85422546 Master
Gou Yingru Neurology 85422546 Bachelor
Sun Xueli Psychiatrics 85422633 Master
Yang Yanchun Psychiatrics 85422633 Doctor
Guo Lanting Psychiatrics 85422633 Master
Sun Xiaohong Chinese Medicine 85422556 Bachelor
Guo Zaipei Dermatology 85422559 Master
Ran Yaping Dermatology 85422559 Master
Zhang Yizi Dermatology 85422559 Bachelor
Zhang Sizhong Genetics 85422749 Bachelor Lelin Med.School. USSR
Li Ping Lab. Medicine 85422616 Master
Ying Lei Nursery 85501312 Master Manitoba Uni. Canada
Li Jiping Nursery 85422044 Master Manitoba Uni. Canada
Cheng Yijuan Nursery 85422044 Bachelor MianYang Nursery School
Liu Gang Immunology 85422393 Master
Wang Lanlan Lab. Medicine 85422731 Bachelor Chong Qin Med. School
Lv Chongjiou Oncology 85422589 Bachelor
Hou Mei Oncology 85422589 Master
Wang Xioujie Oncology 85422569 Master
Wei Yuquan Oncology 85422565 Doctor
Cheng Jinqiou Immunology 85422565 Doctor Southwest Agriculture Uni
Liang Derong Clinical Pharmacology 85422707 Bachelor
Liang Mongzhi Clinical Pharmacology 85422709 Bachelor
Wang Quanyun Anesthesiology 85422518 Bachelor
Liu Bing Anesthesiology 85422518 Master
Shu Youping Anesthesiology 85422518 Bachelor
Cheng Chuanzeng Laser Medicine 85422310 Bachelor
Tang Yao Pharmacology 85422664 Bachelor
Rao Fan Pharmacology 85422664 Bachelor ChengduChinese Med.Sch
Li Kailan Pharmacology 85422664 Bachelor
Dong Birong Geriatrics 85422324 Master
Li Youping Immunology 85422300 Master
Zheng Shangwei Education 85422002 Bachelor
Yang Shaoling Education 85422002 Bachelor
Yang Tiangui Cardiology 85422077 Bachelor
Liu Jing Anesthesiology 85422518 Doctor Peking Union Medical College
Zhou Qiao Pathology 85422898 Doctor Duke Uni. USA
Tang Chenwei Gastroenterology 85422385 Doctor Laiden Uni. Holand
Wang Li GLP 85178772 Doctor
Tang Hong Infectious Diseases 85422636 Doctor
Huaxi College of Public Health

The Huaxi (West-China) College of Public Health, Sichuan University is one of the most famous academic institutes in the fields of public health in China and it has a very long history, integrated subjects and abundant academic contributions. At present, the school has 14 departments—the Forth University Hospital aiming at occupational diseases and the National Training Center for Health Administration. Since the foundation of the People's Republic of China, there have been more than 5500 graduates from the school working worldwide at institutions of higher education, departments of health supervision, disease controlling, customs quarantine, inspection and hospitals, research institutions of medical science, medicine companies, insurance companies and departments of health administration. Some of them have become professional backbones, leaders and internationally famous scholars.

The school offers two basic education programs for master degree and bachelor degree. The former comprises of five majors: Preventive Medicine, Sanitation, Health Business Management, Health Insurance and Medicine Business Administration and the latter six: Health Statistics and Epidemiology, Occupation & Environment Health, Nutrition and Food Hygiene, Hygiene Toxicology, Child and Adolescent & Maternal and Child Health, Social Medicine & Health Business Management.

The school has been engaged with remarkable achievements in the following domains: the discrimination methods and health effects of occupational endocrine disruptors, pneumoconiosis research, the evaluation and intervention of occupational stress, the health effects of physic factors at work spots, environmental Genetic toxicology, health statistics applying in epidemiology, chronic diseases epidemiology, AIDS epidemiology, nutrition and diseases, micro-ecology, the research of growth and its effect factors of children and adolescents, the health care strategies and measurements research of maternal and children and research of health relevant behaviors.
Programs Offered
Main Faculty Members
I. Programs for bachelor degree

Major: Preventive Medicine

Cultivating objectives: To cultivate high-grade professional people with the basic theory and techniques of modern basic medicine, clinical medicine and preventive medicine, who are devoted to the control and eradication of infectious disease, reducing the hazards of endemic disease, labor protection, preventing and curing occupational disease, and environmental protection.

Length of schooling (years): 5

Curriculum: human anatomy, physiology, pathology, biochemistry, microbiology, pharmacology, diagnostics, internal medicine, paediatrics, lemology, ophthalmology, otolaryngology, otorhinolaryngology, diadynamic roentgenology, environmental hygiene, health statistics, toxicology, epidemiology, occupational health

Academic degree: bachelor

Major: Sanitary technology

Cultivating objectives: To cultivate high-grade professional people with the basic theory and techniques of modern basic medicine, clinical medicine and preventive medicine, who are able to be engaged in the practice and research of sanitation and medical inspection.

Length of schooling (years): 5

Curriculum: human anatomy, physiology, pathology, biochemistry, microbiology, pharmacology, basis of diagnostics, internal medicine, health statistics, toxicology, epidemiology, occupational health, technology in virology, technology in immunology, technology in bacteriology, technology in clinical medicine

Academic degree: bachelor
Major: Management of Health Enterprise

Cultivating objectives: To cultivate for medicine enterprises cross-disciplinary and higher management talent with comprehensive modern management knowledge, and the ability of applying the basic theory and knowledge of medicine science.

Length of schooling (years): 4

Curriculum: Outline of basic medicine, internal medicine, surgery, OB-GYN (obstetric-gynaecology), paediatrics, preventive medicine, epidemiology, health statistics, health supervision, management basis, management psychology, public relations, Chinese health service management, health manpower resources, health education, health policy, health economics, financial management and supervision, health insurance.

Academic degree: bachelor

Major: Health Insurance

Cultivating objectives: To cultivate high-level professional people with the basic knowledge of medicine science, the scientific theory and technique of insurance and management.

Length of schooling (years): 4

Curriculum: Basic medicine, internal medicine, surgery, OB-GYN (obstetric-gynaecology), paediatrics, management basis, management psychology, accounting theory, finances management and supervision, public relations, insurance law, Chinese health service management, hospital management, preventive medicine, epidemiology, health statistics, social medicine, health economics, health law, insurance theory, social insurance, life insurance, insurance calculation, health insurance etc.

Academic degree: bachelor

Major: Medicine Business Administration

Cultivating objectives: To cultivate senior professional people who are competent at the management work in health administrative departments and health service units, with basic knowledge of medicine and preventive medicine, extensive knowledge of society and the humanities and the systematic basic knowledge and technique of modern management science.

Length of schooling (years): 4

Curriculum: physiology, anatomy, immunology, microbiology, drug chemistry, pharmacology, pharmacy, drug analysis technology, business management theory, production management of medicine enterprise, management of medicine
enterprise, quality management of medicine enterprise, quantity analysis of management, human resources developing management, medicine market selling, public relations, technique economics, management information system, drug management, drug economic, specialty English etc.

Academic degree: bachelor

II. Programs for master and doctor degree

Major: Occupation & Environment Health

Cultivating orientation: environmental endocrine disruptors, environmental Genetic toxicology, labor physiology- psychology and occupational stress, occupational epidemiology, pneumoconiosis, health effects of physic factors and occupational intoxication

Length of schooling (years): 3

Curriculum: Molecular biology, medical statistics, epidemiological survey, labor and occupational disease, environmental health, immunology, social medicine, health administration law, experiment techniques and methods of animal, cell biology, specialty English.

Academic degree: Master & Doctorate

Major: Health Statistics and Epidemiology


Length of schooling (years): 3

Curriculum: Medical statistics, epidemiological survey, social medicine, health administration law, health education, molecular biology, specialty English, immunology.

Academic degree: Master & Doctorate

Major: Nutrition and Food Hygiene

Cultivating orientation: Nutrition and disease, evaluation of foods toxicology and health protection, Lab techniques of foods, molecular biological techniques applying in health microbial research, micro-ecosystem, clone and protein expression.

Length of schooling (years): 3


Academic degree: Master & Doctorate
Major: Hygiene Toxicology
Cultivating orientation: Environmental toxicology, industrial toxicology, foods toxicology.
Length of schooling (years): 3
Curriculum: Health Toxicology, medical statistics, epidemiological research, experimental basis of animal, specialty English, molecular biology.
Academic degree: Master

Major: Child and Adolescent & Maternal and Child Health
Cultivating orientation: research of growth and its effect factors of child and adolescent, strategies and measurements of health protection in maternal and child health.
Length of schooling (years): 3
Academic degree: Master

Major: Social Medicine & Health Business Management
Cultivating orientation: Social medicine, community medicine, health insurance, health management, heath economics, research of health related behavior.
Length of schooling (years): 3
Curriculum: Social medicine, health service administration, basis of management, health administration law, health education, social survey, medical statistics, epidemiological survey, health economics, multi-statistics, classified data statistics, specialty English.
Academic degree: Master
<table>
<thead>
<tr>
<th>Name</th>
<th>Professional Title</th>
<th>Research Field</th>
<th>Tel</th>
<th>Academic Degree</th>
<th>University</th>
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<tr>
<td>Zhang Lishi</td>
<td>Prof. Tutor of doctor degree students</td>
<td>Nutrition, foods toxicology and function evaluation of health food</td>
<td>028-85502372</td>
<td>Master</td>
<td>West China University of Medical Sciences (WCUMS)</td>
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<tr>
<td>Huang Chengyu</td>
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<td>Nutrition and disease, food science</td>
<td>028-85501500</td>
<td>Master</td>
<td>WCUMS</td>
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<td>Ni Zongzan</td>
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<td>028-85502602</td>
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<td>Sun Chengjun</td>
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<td>Zhang Kerong</td>
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<td>Sanitary technology, environmental behavior and determining method of contaminant</td>
<td>028-85501303</td>
<td>Bachelor</td>
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<td>Li Yuanqian</td>
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<td>Sanitary technology including the poisonous and harmful material in food, air, water and biological material.</td>
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<td>Long Yunfang</td>
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<td>Mao Zhongzhong</td>
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<td>Wu Desheng</td>
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<tr>
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<td></td>
<td>degree students</td>
<td>and injury, environmental Genetic toxicology</td>
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</table>
College of Pharmacy

The College of Pharmacy was founded in 1932, formerly known as the Department of Pharmacy of College of Science of West China Union University, and in March 1987 it was established in the name of the School of Pharmacy of West China University of Medical Sciences, which was renamed again Sichuan University West China College of Pharmacy in October 2000. The school is authorized to confer the M.S. and Ph.D. degrees in 6 disciplines and offers an educational program for B.S. in the specialty of Pharmaceutical Sciences. Besides, it has one postdoctoral research station. The School consists of 12 teaching departments, an analytical center, a specimen room of Traditional Chinese Herbs and a pharmaceutical plant garden. To serve the research needs of the faculty and graduate students, a variety of modern instruments including super-conducting NMR of 400MHz, GC-MS etc. are available. The school has a body of 152 faculty members, including 23 professors. Presently, the yearly enrollments are about 200 undergraduates and 100 graduate students. In the recent 5 years, more than 10 academic monographs and nearly 1000 articles have been published. The school is responsible for one national “863” project, and 32 projects supported by National Natural Science Foundation and has been awarded 18 Science and Technology Achievement Prizes by the national ministry, provincial or municipal government. The school takes an active part in the international academic exchanges and cooperation—more than 200 staff members have been sent abroad in succession. Reciprocally, more than 300 scholars and specialists from USA, Japan etc. have visited and given lectures in the school. Moreover, the School has established a friendly intercollegiate relationship with the School of Pharmaceutical Sciences of Kyoritsu University in Japan.
College of Pharmacy

Programs Offered

Pharmacy

Description: The aims of undergraduate course education in pharmacy serve the development of pharmaceutical undertaking in China. After studying for 4 years, the students are supposed to have modern pharmaceutical science and professional pharmacy practice, including basic knowledge of medicinal chemistry, pharmacognosy and clinical pharmacology; the relationship between the technology of drug preparations; the basic theories and techniques in pharmacology; the pharmacological screening methods for drugs and preparations; the principles, methods and skills on the identification, determination and assay of drugs; the knowledge of pharmacokinetics and pharmacodynamics; the basic knowledge and linking statutes of pharmaceutical administration, etc. The undergraduates can observe and use advanced scientific equipment and will have opportunities for direct participation in research program under the guidance by faculty during the study on the campus. Through undergraduate and research programs, they will serve the roles in pharmacy, medicine, academia, industry and government to devote themselves to production, determination, supply, utilization, research and development of drugs in the pharmaceutical field. Eligible undergraduates will be conferred bachelor of science in pharmacy when they earn at least 170 credits in required and selective subjects.

Degree:

Bachelor M.S Ph.D.

Courses delivered in:

Chinese
College of Politics

The College of Politics, Sichuan University, was founded in 2001, and it undertakes the teaching of the Marxist Theory and the Ideological & Moral Education.

The College now consists of Department of Politics, Department of International Politics & Economy, and Department of Ideological & Political Education.

The research organs in this college: Teaching and Research Section of the Postgraduate Political Theory, the Research Institute of the Intellectual Economy Developing Strategy, the Research Institute of the Applied Psychology and the Psychological Education, Teachers of Marxism and Dengxiaoping’s Theory Training and Study Center of Sichuan, the Psychological Consulting Center of Sichuan University.

The college has a staff of 91, among whom 8 are professors, 39 associate professors. 34 of the staff have Master degree. 10 are studying on the job for doctor degree, and five for Master degree.

Over the past two years, the college has undertaken 6 national, ministerial and provincial research projects. The teachers have edited, co-edited 8 textbooks and have published 4 monographs and 290 theses. They have won more than 30 prizes, such as the Second Prize of the Excellent Teaching Achievement given by the Sichuan People’s Government.

The college now offers a bachelor program on the International Politics. Marxist Theory and Ideological & Political Education confer Master degree and the doctor program is under way.
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Introduction to the Program of International Politics

Globalization requires a large number of professional people familiar with international affairs. For this purpose, the College of Politics, Sichuan University, has set up a new postgraduate program—International Politics, and planned to recruit students from all over the country in June, 2003.

The following courses are offered: Political Science, an Introduction to International Politics, Diplomacy Science, Modern China Foreign Relations, American Politics and Diplomacy, International Public Law and International Private Law, etc.

The programs aim to train professional people with good Marxist theoretical attainments, and solid and fundamental theory and professional knowledge of International Politics, International Law, and Politics. The graduates can serve in the Party and government organs, in enterprises or institutions, in colleges or scientific research departments.
The College of History and Culture of Sichuan University was set up on the basis of the History Department, the oldest department of Sichuan University, in 1998. It is made up of History Department, Institute for the Classical Literature Studies, Institute for Historical Studies, and The University Museum. The College has more than 30 professors (fellows), 40 associate professors (or associate fellows). It is one of the first units authorized by the Ministry Education to enroll Ph.D. and M.D. students. The College has three undergraduate majors: History, Archeology, and Museumology, Ancient History of China, Archeology and Museumology, Specific History, World History, Historical Literature, Modern and Contemporary History of China, History Theory and Historiography. It also has a Postgraduate Research Base for the Tibetan Studies of Ministry of Education, and the Specific History is a key discipline of China. Now the School has 16 Ph.D. student tutors, 30 M.A. student tutors. The College has a good scholarly tradition, and has been esteemed by domestic academic circles. Ever Since “the Open-door policy to the World”, the school has produced 400 M.A. & Ph.D. Students, and more than 1200 undergraduates. The College has obtained 44 research programs, published 1141 academic papers, 203 monographs, and 12 textbooks. It has won more than 70 prizes, like, First Prize of National Fund for Social Science. The College library has
more than 100,000 books and many academic journals. It is equipped with modernized facilities, which provide best conditions and environment for study and research.

The College has many research bodies such as Institute for Historical Studies, Institute for the Classical Literature Studies, Institute for the Urban Studies, Center for the comparative studies of Eastern and Western Culture and Society, Center for the Yangtze River Civilization, Center for the culture of The Three Kingdoms,

Address: No.29, Wang Jiang Road, Chengdu, Sichuan Province.
Postcode: 610064
Telephone: 028-85412312, 028-85417695
Fax: 028-85412804

Programs Offered
Faculty Members

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College of History and Culture

Programs Offered

Main Courses For Students

Majoring in History


Main Courses For Students Majoring in Archeology and Museumology


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College of Pre-clinical and Forensic Medicine

The College consists of 13 Departments along with a number of Research Units that carry out our teaching, research, and public service missions. We provide Bachelor? programs, Master? programs, Doctor? programs, and Post-doctoral programs in the Preclinical Medicine and Forensic Medicine. Also, we accept some faculty members from other universities or medical colleges for advanced studies. Every academic year, we provide 50 courses for undergraduates and postgraduates in other schools, such as the Schools of Clinical Medicine and Public Health. The Departments and Units in our school:

- Dept. of Human Anatomy
- Dept. of Histology, Embryology and Neurobiology
- Dept. of Parasitology Laboratory Morphology
- Biomedical Engineering Unit
- Dept. of Pharmacology
- Dept. of Pathophysiology
- Dept. of Biochemistry and Molecular Biology
- Dept. of Physiology
- Dept. of Immunology Laboratory of Functional Sciences
- Dept. of Microbiology
- Dept. of Forensic Pathology
- Dept. of Forensic Genetics
- Dept. of Forensic Psychiatry
- Dept. of Toxicological Analysis

Dean: Professor Hou Yiping 2003.7.8
College of Pre-clinical and Forensic Medicine

Programs Offered

1. Disciplines:
   Preclinical Medicine
   Forensic Medicine

2. The Courses, provided for Preclinical and Clinical Medical Undergraduates and Postgraduates:
   Human Anatomy
   Histology
   Embryology
   Neurobiology
   Parasitology
   Pharmacology
   Pathophysiology
   Immunology
   Microbiology
   Physiology
   Biochemistry
   Molecular Biology
   Forensic Pathology
   Forensic Genetics
   Forensic Psychiatry
   Toxicological Analysis

The students, who study for Bachelor of Preclinical or Forensic Medicine will start on a curriculum that balances basic medical courses with humanities and social and biological sciences. And, they will benefit from the focused and individualized training environment.

The faculty members in the School are leading scientists in China, and the Master
and Doctor Programs are widely recognized as one of the best in China.
Every year, about 80 Bachelors, 100 Masters, 40 Doctors graduate from our school,
entering universities, national research institutes.
Department of Physical Education

Sichuan University consists of three Physical Education Departments of the original Sichuan University, Chengdu Science and Technology University and West China Medicine University. It is one of the experimental units running a school for national high level sports team. Now it has four professors and fifty—four associate professors including four tutors of physical education graduate students. In 1995, the Chinese Ministry of Education ratified its Institute of Physical Education and Science and a master program in PE Teaching and Training. And in 2003 another two master programs of PE Social Humanities and Athletic Science of Human Body were approved. The master program of PE Teaching and Training is the earliest one of amongst the comprehensive universities in China. The physical education courses of Sichuan University are always in the leading place among nation-wide institutes of higher learning. It is also the only one among all the universities that has won a national special prize for its excellent physical education achievement. Now it has an integrated administrative levels for all physical education courses, compulsory physical education courses, P. E. preparatory courses, P. E. regular college courses, physical education scientific research institute and graduate school of physical education teaching and training. In order to adapt to the physical education demands of new period, the Department of Physical Education is making vigorous preparations for the setting up of College of Physical Education and a doctor program as well.
Department of Physical Education

Faculty Members

**Tangcheng**, Professor, Supervisor of PE graduate students. Director of the Department of Physical Education SCU. PE Bachelor of College of Physical Education and Sports of Chengdu in 1982. Tel:028-85418209(O) 028-88078983(M)

**Zhangqiang**, Professor, Supervisor of graduate students. Deputy director of the Department of Physical Education Department SCU. PE Bachelor of Beijing Sports University, 1982. Tel:028-85471699(O)

**XU Jiuping**, Professor, PhD of Applied Mathematics, Tsinghua University, Ph D of Physical Chemistry, SCU. Supervisor of graduate students. Presided over 18 scientific research projects supported by the National Philosophy and Social Science Planning Fund and the National Natural Science Fund, etc… In recent years, Dr. XU has been honored the National Prize for Progress in Operations Research, the Provincial Prize for Progress in Science and Technology, the Municipal Prize for Progress in Science and Technology of Chengdu, the Provincial Prize for Youth Science and Technology, and the Provincial Prize for Innovation in Science and Technology. Has published more than 200 research papers, ranging from applied basis, economic management, sports science and more than 10 books. Tel:028-85418522(O) 028-88156539(M)

**Zhang Chaohui**, Associate Professor, Supervisor of graduate students. Master of Literature, University of West-Michigan in 1983. Tel: 028-85471699(O) 028-85460918 (H)
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### Bachelor's Degree Programs

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<tr>
<td>Accounting</td>
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Master's Degree Programs

Doctoral Degree Programs
Program

Short Term Studies

Chinese Language Learning
Oversea Students

Requirements & Qualifications
Contact
Application & Admission procedures

More information in International Office >>

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Requirements & Qualifications

- Undergraduates: With a high school diploma and a health certificate. Study 4 to 5 years.

- Master-degree Candidates: With a bachelor degree certificate, qualified in the Chinese Examination, or those who have at least two years working experience in related specialty after university graduation, recommended by two professors and approved to be qualified by the university. A health certificate is required. Study for 3 years.

- Doctoral-degree Candidates: With the Master's degree certificate, qualified in the Chinese Doctoral Candidate Entrance Examination, or recommended by two professors, approved to be qualified by the university. A health certificate is required. Study for 3 years.

- Visiting Scholars: With a certificate equal to or above a university sophomore, to study the original specialty in China. Study for 1-2 years.

- Senior Scholars: Associate professor or above, specializing in a certain field of studies. Study for 1 year.

- Short-term Studies: With a high-school diploma and a health certificate.

- Medical internship: With a recommendation from a medical school and a health certificate. Usually study for 4 weeks.
Requirements & Qualifications

- Application Form  Download
- Physical examination record  Download
- Fill in Application For Foreigners Wishing To Study In China (in Chinese or English).
- Replica of the last formal schooling record and of the school report (translated into Chinese or English).
- Undergraduates must have a recommendation letter from their sponsoring organization or people. Postgraduates must have two recommendation letters from their professors or associate professors.
- Replica of notarized health checkup record (should be valid for 6 months), the students will take the original manuscript.
- Self-paying applicants must have a guarantor who signs the Guarantor Form.
- The academic year begins in the autumn. The process of applying for autumn enrollment begins in February and ends in June.
- Undergraduate applicants must be good in their senior middle school.
- All the applicants must take the Chinese language test. To be an undergraduate or a postgraduate, the applicant's Chinese language level should reach the 4th grade (HSK). Otherwise he or she needs another one or two years to study Chinese first.
- Students who have received the acceptance letter and Form JW202 or JW201 should show the two documents to the Chinese embassy in their countries in order to get an X-status visa.
- New students should have ready ten pieces of passport?ized photo, the
completed health Certificate Form JW202 and the acceptance letter of Sichuan University for registration on the registration date shown in the acceptance letter.
To meet the need of university students or individuals who are interested in learning Chinese, medical science or any aspect of Chinese culture, short-term programs are offered at Sichuan University. These programs are offered both during semesters and during summer/winter vacations. These courses are offered in the following four categories:

- **SHORT TERM CHINESE LANGUAGE CLASS**
- **MEDICAL INTERSHIP**
- **WORKSHOP ON CHINESE CULTURE**
- **FIELD TRIPS FOR LEARNING CHINESE HISTORY AND SCENIC SPOTS**

Participants can discuss with the Office of International Programs their need of specific areas of study, time and length of study.

**Contact**

Office of Overseas Students, Sichuan University, Chengdu, Sichuan, China
SHORT TERM CHINESE LANGUAGE CLASS

Levels of Chinese language classes

Classes are offered from elementary, intermediate to advanced.

Types of Chinese language classes:

1) Short Term Training Classes
   a. 1-4 weeks year round, (minimum 5 students).
   b. Summer Chinese Language Class
      4 weeks. Starting the third Monday of July (minimum 5 students)
   c. Institutions or organizations can set up a time for their language
      study as a group.
   d. Class Hours
      8:30 ?12:00 Chinese language class, Monday through Friday
   e. Afternoon Classes and Tours
      The university will offer afternoon class or tour once a week free of charge;
      classes include Taiji Quan and Chinese calligraphy. Tours will include
      historically important sites in the city.
   f. Fees
      300 USD per person for 4 weeks including tuition, books and materials.

2) Intensive Training Class
   This two week long class provides students with very intensive language training.
   a. Class Hours
      8:30-12:00, 14:00-16:30 Chinese Language class,
      Monday through Friday
   b. Fees
      240 USD per person 10 days
3) Class of Special Requirement

One-to-One Class:

<table>
<thead>
<tr>
<th>Duration</th>
<th>Hours/day</th>
<th>Fee/person</th>
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<tbody>
<tr>
<td>One Week Class</td>
<td>2</td>
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<td>4 classes</td>
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- **MEDICAL INTERSHIP**

  USD 600 / 4 weeks (per person)

- **WORKSHOP ON CHINESE CULTURE**

  Workshop normally runs 1-5 weeks, it can be held any time of the year. It combines lectures and field trips. Students will not only learn from experts but also have chances to interact directly with the people and projects they are most interested in.

  1. **Subjects of Contents**

     Traditional Chinese medicine, classical and modern Chinese literature, ancient and modern history, traditional Chinese ink painting and calligraphy, modern Chinese economy and law, religions in China, Chinese folklore, Chinese geography and ethnic groups, Sichuan cuisine and Sichuan Opera.

  2. **Fees**

     Vary depending upon topics and length of workshop.

- **FIELD TRIPS FOR LEARNING CHINESE HISTORY AND SCENIC SPOTS**

  Field trips for learning Chinese history and ethnic groups are designed for institutions or individuals who come in a group. Trips are offered all year round, normally lasting 1-2 weeks. Field trips normally combine with workshops on a
1. Topics and Study Sites

a. Chengdu, a Historic City
With lectures on the city of Chengdu, visits are to historic places of interest in the city including: Du Fu Thatched Cottage, Marquis Wu Temple, Sanxingdui History Museum, Sichuan University Museum, Bamboo Park.

b. Buddhism and Mount Emei
Lectures are given on Buddhism; visits are to the temples in Mount Emei, one of the four major Buddhist Mountains in China, and sightseeing in the mountain area.

c. Daoism and Mountain Qing Cheng
Lectures are given on Daoism, visits are to a Daoist temple in the city Qingyang Temple and Daoist temples in Mountain Qing Cheng. It also includes sightseeing in the mountain area and a visit to one of the oldest irrigation systems in the world, Dujiangyan Irrigation System.

d. Visit to the Giant Panda Breeding and Research Base
Brief introduction will be given about Giant Pandas, a short trip will lead you to the Giant Panda Breeding and Research Base.

e. Tours to the Regions of the Ethnic Groups
This tour provides students with opportunities to study ethnic groups such as the Yi, Tibetan and other minority living in Sichuan. Tours will include Jiuzhaigou and Huanglong scenic spots.

2. Fees
Vary depending upon topics and length of workshop.

• OTHER FEES TO PAY

Registration Fee 35 USD
Room (per person per day)  
  simple standard room 2.5 USD  
  standard room 5 USD
Meal (USD per person per day) 5-8 USD  
or at the students own choice at student cafeteria
Textbooks and Materials Pay the actual cost
<table>
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<tr>
<th>Tours</th>
<th>Pay the actual cost</th>
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Copyright(C)2003 International Office, Sichuan University
We warmly welcome those who are interested in obtaining a bachelor's degree in Chinese Language to attend our university. The program will enable the students to understand Chinese culture and history, to have the language skill to work in the related areas. This new program just began in the year 2002; there are already international students enrolled in this program.

To earn a bachelor's degree at Sichuan University, students are required to finish the designed courses, a thesis and internship.

**Program Description**

1. Branch of Learning: Literature
2. Major: Chinese language
3. Concentration: Chinese Language and Literature
4. Basic Academic year required: 4 years
5. Total credits: 160
6. Required class hours: 2058
7. Degree awarded: Bachelor of Art
Vaiwers and Requirements

1. Bachelor’s degree at Sichuan University requires 160 credits (includes internship and thesis) and HSK Level 6.

2. Those who reach HSK level 3 (Elementary C), can enter the second year directly, still winning all the credits from the first year.

3. Those who reach HSK level 6 (Intermediate C) can enter the third year directly, having exemption of all the courses of the first year and part of the courses in the second year (Intermediate Chinese 1-2, Chinese Listening and Speaking 1-2, Basic Chinese Writing 1-2, Chinese Reading 1-2) still earning all the credits of these courses.

Required Courses and Thesis

1) Basic Courses
   Elementary Chinese 1
   Elementary Chinese 2
   Elementary Listening and Speaking
   Initiation to Chinese Characters
   Chinese Reading 1
   Chinese Conversation
   Chinese Listening
   Chinese through Video
   Elementary Chinese Writing

2) Specialized Courses
   Intermediate Chinese 1
   Intermediate Chinese 2
   Advanced Chinese 1
   Advanced Chinese 2
   Advanced Chinese 3
   Advanced Chinese 4
   Chinese Listening and Speaking 1
   Chinese Listening and Speaking 2
   Chinese Reading 2
   Chinese Reading 3
   Basic Chinese Writing 1
   Basic Chinese Writing 2
   Chinese Writing 1
Chinese Writing 2
Modern Chinese Phonology
Modern Chinese Grammar

3) Internship
4) Thesis Writing

Elective Courses

Chinese Characters
Advanced Chinese Conversation 1
Advanced Chinese Conversation 2
News Listening 1
News Listening 2
Chinese Word Processing
Modern Chinese History
Introduction to China 1
Introduction to China 2
Physical Education 1
Physical Education 2
Introduction to the Language of Journalism 1
Introduction to the Language of Journalism 2
Newspaper and Magazine Reading 1
Newspaper and Magazine Reading 2
Advanced Chinese through Video 1
Advanced Chinese through Video 2
Introduction to Translation 1
Introduction to Translation 2
Modern Chinese Vocabulary 1
Modern Chinese Vocabulary 2
History of Ancient China 1
History of Ancient China 2
Contemporary Chinese Literature 1
Contemporary Chinese Literature 2
Chinese Culture 1
Chinese Culture 2
Present Day Chinese Economy 1
Present Day Chinese Economy 2
Topics on Present-day China 1
Topics on Present-day China 2
Modern Chinese Rhetoric
Ancient Chinese 1
Ancient Chinese 2
Ancient Chinese Literature 1
Ancient Chinese Literature 2
Reading of Ancient Chinese Works 1
Reading of Ancient Chinese Works 2
Translation 1
Translation 2
Special Topics

» Courses Exempted

Politics and Situation
Ideology and Moral Education
Introduction to Laws
Basic Theory of Marxism
Basic Theory of Marxism Politic Economy
Introduction to Mao Zedong Thought
Introduction to Deng Xiaoping Theory
Current World Economy and Politics
Education on National Defense
Military Training
College English 1
College English 2
College English 3
College English 4

» Contact Numbers

Tel: 0086-28-85401346 (English) 85405773 (Japanese)
Fax: 0086-28-85405773 85423260
Email: nic8203@scu.edu.cn (English)
Website: www.chinadaily.com.cn/edu/schools/020/020.html
Address: Overseas Students Office
Sichuan University
# 29 Wang Jiang Road
Chengdu, Sichuan 610064
Introduction to Chinese Language Courses

Chinese language courses for overseas students consists of specialized courses and elective courses, trainings are given in special areas and comprehensive areas to overseas students in the study of Chinese language.

Part One SPECIALIZED COURSES

1. Elementary Class

Elementary Chinese begins with an intensive overall training for students in Mandarin phonetics. Basic grammar is introduced in this class. The listening and speaking class uses topics in situational dialogue to train the basic skills of spoken Chinese. Students will gain knowledge of Chinese culture through Chinese language classes.

Courses for Elementary Class:

Elementary Chinese 1
This course suits students at Elementary Class One, whose Chinese is at a beginning level.

Elementary Chinese 2
This course suits students in Elementary Class Two, who have studied some Chinese but are still at the beginning level.

Elementary Chinese 3
This course suits students in Elementary Class Three, who have studied some Chinese and learned about 1,000 words.

Chinese Listening and Speaking
This course focuses on the skill of listening and speaking, supporting Elementary Chinese course.

Initiation to Chinese Characters
To support Elementary Chinese course, this course studies the structure of Chinese characters and the writing regulations. This course teaches how to count number of strokes and how to use a Chinese dictionary based on radicals. This course will improve students' ability in reading and writing of Chinese characters.

Chinese Reading
This course trains students in reading, supporting Elementary Chinese course.

Chinese Through Video
This course fosters students?ability to understand the language through visual means, supporting the course of Elementary Chinese course.

Chinese Listening
This course trains students in understanding the Language through listening comprehension.

Chinese Speaking
To support other courses, this course guides students to put into practice their language knowledge and skills through oral conversation.

Elementary Chinese Writing
This course supplements other courses by instructing students on how to form paragraphs and develop articles.

2. Intermediate Class

Intermediate Class is designed for students who have finished Elementary Class or an equivalent level. It emphasizes students?understanding and expression of the language, at the same time it gives an overall training on listening, speaking, reading and writing. This class will also enlarge the students?vocabulary as well as their knowledge of the language.

Intermediate Chinese 1
This course suits students who have studied one year of Chinese with a vocabulary of about 2700 words for both daily use and specialty. Students in this class should have learned basic Chinese grammar and have the ability to understand daily conversation.

Intermediate Chinese 2
This course suits students who have finished Intermediate Chinese 1, with a vocabulary of 3700 words.

Chinese Listening and speaking
This course is one part of the whole second year? study. It trains students in the form of situational dialogue and talking after reading. It also gives overall training on listening and speaking. The students will also have better understanding of Chinese culture and customs.

Chinese Reading
This course gives special training on reading skills to support Intermediate Chinese, improving the students?ability in reading and comprehension.

Basic Chinese Writing
This course introduces basic writing and gives special training in different writing style.
3. Advanced Class

Advanced class is a transitional course for students who have learned basic Chinese grammar and wish to study other subject areas in Chinese language or to study Chinese language for a bachelor's degree. This course will enable the students to have a better understanding of idioms and history of the language, as well as Chinese culture as a whole.

Advanced Chinese

This important course is a required course for the third year of study. It requires students to enlarge their vocabulary and knowledge of the language in order to improve their ability of comprehension and faster reading. The aim of this course is to enable the student to reach the level of fluency.

Advanced Chinese Conversation

This course trains the students in various forms of oral expression. Large amount of audio materials are used for students to effectively improve their listening and speaking ability. It will enable the students to express themselves freely and to achieve satisfying results in conversation.

Chinese Writing

To combine with exercises of writing in various kinds of styles, this course will enable the students to master the skill of writing and to express themselves freely in written language.

Part Two ELECTIVE COURSES

Chinese Calligraphy

This course will introduce the origins of Chinese calligraphy and give students basic training in calligraphy. It will also enable the students to appreciate Chinese calligraphy.

Introduction to the Language of Journalism

This course uses articles from the major newspapers in China, introduces basic expressions and sentence patterns in journalism writing. It will enable the students to understand and master the language features of journalism as well as increase their reading comprehension.

Chinese Culture

This course lectures on the following topics: study of Confucian classics, historiography, ancient official position, imperial examinations, family names, graves, astronomy, calendar, drama, dancing, painting, pottery, porcelain and other aspects of Chinese culture.
Sichuan University

Sichuan Dialect
This course gives a systematic introduction to Sichuan dialect, its phonetics, vocabulary and grammar. In comparison with Mandarin the students will understand the general features of Sichuan dialect.

Ancient Chinese
This course will enable the students to understand the meaning of classic Chinese words and basic grammar of ancient Chinese through classical reading. This course will enable the students to improve their skills in written language by comparing the differences and similarities between ancient Chinese and modern Chinese.

Chinese Word Processing
This course gives an introduction to the features of Chinese characters, introduces three ways to type Chinese characters on computer: phonetic way, radical way and a combination of both. The students can choose one of the three ways to write Chinese on the computer according to their own practical situation. Skillfulness is expected.

Phonetics Assisting
This course gives special training in phonetics and corrects the students’ mispronunciation.

Taiji Quan/Taiji Jian
This course teaches the National standard 24 Forms Taiji Quan, based on this, further introduction can be given to 48 Forms Taiji Quan, 88 Forms Taiji Quan, 32 Forms Taiji Quan and 54 Forms Taiji Jian.

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Degrees

see also:

Bachelor's Degree Programs>>
Master's Degree Programs>>
Doctoral Degree Programs >>

Master's Degree Programs

- Accounting
- Administration
- Aetiology
- Analytical Chemistry
- Ancient Chinese History
- Ancient Chinese Literature
- Anesthesia
- Applied Chemistry
- Applied Mathematics
- Applied Psychology
- Archaeology and Museology
- Archival Science
- Art and Media
- Art Designing
- Atomic and Molecular Physics
- Basic Mathematics
- Banking
- Bio-Chemical Engineering
- Biochemistry and Molecular Biology
- Biological Physics
- Biomedical Engineering
- Botany
- Business Management
- Cell Biology
- Chemical Engineering
- Chemical Processing Machine
- Chemical Technology
- Chemico Biology
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**Master's Degree Programs>>**

**Doctoral Degree Programs>>**

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Degrees

see also:

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Brief Introduction of Researches on Science, Engineering and Medicine of Sichuan University

Science, Engineering>>
Medicine>>

I. Overall Capacity

As a key mark of academic level and core content of promoting comprehensive competition ability, science and technology research develops the fastest under concern and direction of university leaders since the Party’s 15th conference held 5 years ago. The overall scientific and technical capacity has been improved unprecedentedly.

In the 5 years between 1998-2002, research-funding rise from RMB 86,444,000 (including former Huaxi Medical University) to RMB 260,690,000, totally RMB 881,330,000, ranked from No. 27 to No. 17 of the state (to 12 of the subordinate universities of the Ministry of Education). Natural Science funding programs increased to 142 in 2002, cost RMB 30,828,800, ranked No. 5; national 863 Plan programs 20, cost RMB 38,900,000.

Since 5 years ago, National Outstanding Youth Fund has rewarded 9 people. In 2002, Sichuan University was prized Excellent Creative Science and Technology Group, the first national natural science fund in the southwestern China. In this period, Overseas Outstanding Youth Fund awarded 4 people, 14 by The Talents of New Century Fund, ranked No. 7 of all universities. There were established 5 Key Open Laboratories, 1 Engineering Center of the Ministry of Education, and 3 Online Cooperative Center of the Ministry of Education. The project of research center for crossing disciplines of Sichuan University was started in 2002, thereof, the first amount of RMB 10 million was invested to establish 5 research centers. There are also nearly a hundred provincial and universal level research units.
In this period, totally 17,072 papers are published journals here and abroad, of which 3079 published in 2002, ranked No. 7 of Chinese Senior Institutes. SCIE covered up to 1148 papers, of which 341 in 2002, ranked No. 11. In 2002, 196 papers of SCIE were cited for 391 times, ranked No. 15; 2484 papers of national core source periodical were cited for 2644 times, ranked upward to No. 6. The research in our university got 205 awarded of all kinds, of which national level 13, ministry and provincial level 183. The applied patents counted 293, conferred patents 91, of which 139 applied in 2002 (invention patents 113, ranked No. 8 of the state).

Science and Technology Research Result Incubator Co., Ltd of Sichuan University and The National Technology Transfer Center of Sichuan University were established.

II. Advantage disciplines

(I) Department of Leather Engineering and The Key Laboratory of Leather Chemistry and Engineering, Ministry of Education

Department of Leather Engineering at Sichuan University derived from the Leather Department at Yanjing University founded in 1920. Now it is the only constitute to confer Ph.D. Degrees and the only state key discipline in this field. The department holds 44 regular staffs, among which there are 5 Ph.D. tutors, 11 professors. The Department has made extensive and intimate association with the similar colleges and universities, institutes all over the world, and has enjoyed considerable international reputation.

The Key Laboratory of Leather Chemistry and Engineering (Sichuan University), Ministry of Education was established in Sichuan University on August 17, 2000. Hereafter, it had been working as the laboratory open to the scholars coming domestically or abroad.

The main academic directions and research interests of the Laboratory are as follows:

The chemistry of leather manufacture

The art of leather manufacture bloomed thousand years ago. But, up to now, many mechanisms of leather making processes are still mysterious to scientists. Our research in this area is to really understand the principles of leather making processes in molecular level. Using modern analytical equipment and the approach of computational chemistry, the work includes determination and elucidation of interactions between hide collagen and leather chemicals, as well as enzymes. It is hoped that these researches would modernize leather sector and make progress in
protein-related fields.

Protein chemistry and histology of hides and skins
The important work in this area is to understand histological structures of hides or skins, so that a proper technology can be designed for any kind of raw material. Attention is also paid in the changes of histological structures of hides or skins during processing, which favors optimization of processes.

Our other interest in this area is to investigate functions of enzymes on hide proteins. With the researches, the substitute of poisonous chemicals by enzymes and the unhairing using enzymes are likely to come to practice.

Cleaner technology for leather production
The researches are concentrated on innovation of conventional leather techniques based on modern technologies, particularly biological and physical methods. The aim is to remove or reduce environmental impact of leather production during processing. The researches also include the approaches of recycling waste water.

Analysis and determination of production processes and leather products
The interest is to establish accurate and practical methods which can determine quality of leather during processing and that of resultant product. The aim of the research is to realize automatical control of leather production.

Leather chemicals
More attention is paying in developing environment friendly leather chemicals, thus water-based leather finishes, chrome-free tanning agents and biodegradable leather chemicals. Preparation of enzyme agents that can substitute poisonous chemicals is also our interest.

Utilization of the wastages from leather production
The researches are concentrated on utilization of chrome-containing leather shavings. Chemical, biological and physical (like ultrasound) methods are used for removing chrome from shavings. The collagen products obtained are prepared into value-added gelatin, peptides and amino acids.

(II) Institute of Nuclear Science and Technology, Sichuan University
During the past two decades, as one of the largest institutes run by Ministry of Education, the Institute of Nuclear Science and Technology at Sichuan University has made great progress in research, development and the training of professionals in the field of nuclear science and technology.

Nuclear science and technology is a frontier field that emerged a few decades ago. It plays an important role in high-tech development and economic construction.

The institute, founded in 1980, has become an important research, development
and education base in this field in China. In the Institute was established a key laboratory of Ministry Education—“Key Laboratory for Radiation Physics and Technology of Ministry Education”, and provided a program—“Nuclear Technology and its Application” for master’s degree and doctor’s degree. The program is also a provincial key discipline as well as a discipline for “Changjiang Special Scholars”. In addition, the institute is one of the key members of MOE Virtual Research Center of Nuclear Science and Technology, which were cooperatively founded by Sichuan University, Lanzhou University, Tsinghua University and Peking University.

The institute’s research works include radiation physics and medical physics; atomic collision physics in solids and its application; material modification through radiation; isotope application and radiation biotechnology; the application of nuclear science and technology in industrial production; and the measurement and evaluation of nuclear data. Some of its research achievements have been recognized internationally.

Its studies in radiation physics and medical physics and clusters and their interaction with materials are at internationally advanced levels and some creative research results have been achieved.

The bipartition model of transport for charged particles, first developed by researchers at the institute, is one of the most successful transport theories of charged particles in the world.

The institute has also built a large-sized high-resolution and multi-purpose atomic collision system, helping China become one of the leading countries in the research of clusters and its interaction with materials, which requires highly advanced levels of accelerators, targets and detectors.

In addition, the institute has made achievements in the research of the quality control system in cement production, medical imaging systems, nuclear monitoring and automation technologies, and the modernization of traditional Chinese medical sciences.

The institute is a strong force in research and development. It has six tutors for doctoral candidates, 16 professors and a batch of young scientists.

The institute has many large-sized equipment and devices, including the cyclotron, electrostatic accelerator, ion-electron accelerator and ion implanter, offering a solid
material basis for its research and development.

Since 1995, the institute has undertaken many key national projects and international co-operative projects. It has won 14 national and provincial-level awards for its research achievements in implementing these programs. In addition, it has published about 400 papers in famous domestic and international journals.

It has now set up co-operative relations with famous domestic and foreign research institutes, and especially welcomes scholars at both home and abroad.

(III) Topological and Order Structure, Formal Semantics, Fuzzy Information Processing

It was the famous French mathematician Ehresmann who advocated long time ago to study lattices with some kind of distributive property as generalized topological spaces. This idea eventually led to the formation of locale theory, which is also called topology on lattices. Topology on lattices combines the topological structures and the ordered structures, involves many traditional areas such as topos theory, sheaf theory, commutative algebra, etc.

The locale theory is based on topology and intuitive logic with the emphasis on construction. It concerns the study of the topological and algebraic structures of Heyting algebra and is the first well-founded branch in topology. H. Dowker, J. Isbell, P.T. Johnstone etc. have done a lot of outstanding research on this subject. The monograph “Stone Spaces” in the series “Cambridge Studies in Advanced Mathematics” published in 1982 gave a comprehensive survey on this topic up to 1982.

Most information in real world is fuzzy. It is hard or even impossible to process them precisely. Essentially, the notions formed by human beings are stratified. It is the fuzzy set theory emerged in 1960’s faced this problem first. This theory quantifies different stratifications via real numbers. Theories, methods, technology and industry based on fuzzy set theory have had large-scale developments in Japan, Europe and America. The 7th volume of “Measurement Theory with Applications to Decision Utility & Making the Social Sciences” of “Encyclopedia of Mathematics & Its Applications” published in America by Fred S. Roberts is the book dedicated to the quantification problem exclusively. Fuzzy set theory should be considered as one of the most successful instances in this aspect.

But the stratifications and relations of many concepts are difficult to be quantified via numbers, even cannot be totally ordered. Hence the range of quantification was extended to a more generally ordered structure – lattices. The study of the topological structures in the frame of this new set theory is another main branch of
Sichuan University
topology on lattices – fuzzy topology.
The domain theory belongs to basic mathematics. It is also an important branch of
computer science. In the late 1960’s, the serious limitation of imperative
programming languages based on the model of Turing machine was exposed, as a
consequence, functional programming languages (e.g. LISP) based on the model
of recursive functions and logic programming languages (e.g. PROLOG) based on
the model of predicate calculus were proposed. For this purpose, Prof. C. Strachey
in Oxford proposed a new idea, that is, separate the definition and the
implementation of a language, describe its semantic features by a group of
recursively defined functions. As its mathematical foundation, Strachey and Turing
Award winner Scott jointly established the domain theory to provide a semantic
model for functional programming languages. The domain theory and \( \beta \)-calculus
constitute the base of denotation semantics. Moreover, since the middle of 1970’s,
to describe the semantic models of uncertainty, parallel and distributed
programming languages, Plotkin, Smyth and others established powerdomain
theory.
As a mathematical structure, domain is a type of ordered structure. To describe or
classify various approximation states of the objects to be processed, it is
necessary to introduce topological structures to domains. This further introduces
the problems in the relation between ordered structures and topological structures.
Moreover, domain theory also relate to some classical fields in mathematics. For
instance, a method of probabilistic powerdomain proposed by J. Lawson, A. Edalat
etc. which provides algorithms for measure theory and space integral and has
applications in dynamical systems; the theory of domain and logic of observable
property by Abramsky; the linear domain and linear logic theory of Huth; the work
of characterizing complete metric spaces via methods of closed formal balls and
embedding topological spaces into domain environments by R. Heemann, J.
Lawson, K. Martin etc; the work that introducing information measure into domains
to measure the extents of different approximations by K. Martin; the theory of
integral in domains and its applications in fractal and other aspects, and so on.
These factors attract attentions from mathematicians and experts in computer
science to domain theory. For instance, in their popular monograph “Open
Problems in Topology” published in 1990, J. Mill and G. M. Reed spent a whole
chapter to summarize the developments and unsolved problems in domain theory.
International symposiums on domain theory and its applications are regularly held
by researchers from America, Germany, Britain, France and other countries. In
China, starting from 1999, presided by Sichuan University, a series of international
symposium on domain theory is also held for every two years. The symposium has
been successfully held twice, which attracted many researchers from America, Germany, Britain, France and other countries. Carefully selected papers of original research presented at the symposiums are regularly published in the series “Semantic Structures in Computation” by Kluwer Academic Publishers.

Academician Ying-Ming Liu studied the pointwise topology on lattices of fuzzy topology and made “fundamental” contribution. He proved that the essential property determining membership relation between points and sets is the so-called “Multiple Choice Principle” in set theory, consequently introduced a completely new membership relation – quasi-coincident neighborhood system. As pointed out by a survey in “Russian Math. Surveys” and “Aspects of Topology”, Vol.93 (1985) of “London Mathematical Society Lecture Note Series”, this work overcame a serious obstacle in the development of the field, set up the foundation of the pointwise school in the field. His main paper on this has been cited more than 200 times and is still frequently cited.

Academician Ying-Ming Liu and Prof. Mao-Kang Luo, Prof. Ji-Hua Liang and Prof. De-Xue Zhang worked on compactification theory, paracompactness, metric spaces, uniform structures, insertion mappings, categorical properties, convergence theory and so on, obtained results which are regarded as “important”, “very important”, “it bridges topology, algebra with ordered structure theory”. On a satellite conference of the International Congress of Mathematicians (ICM) 1990 (international symposium on topology, Tsukuba, Japan), Liu gave a lecture of 50 minutes on the Lattice-valued Hahn-Dieudonné Insertion Theorem. On the international conference of Russian Academy of Science dedicate to the 100th birthday of Vinogradov, as the only invited delegate of China, Liu also introduced this work. 1998, Ying-Ming Liu and Mao-Kang Luo published their monograph “Fuzzy Topology” in World Scientific Pub., which is the first systemic monograph in this field, and was highly commended by “Mathematical Reviews” and “Zentralblatt Math.”.

Ying-Ming Liu and Zhong-Fu Li substituted “simple representation” with the idea of “simple approximation”, proved that a sort of important combinable continuous functions can be “simply approximated” by a single monotone function, then successfully processed the Kolmogorov Representation related to the thirteenth Hilbert Problem in an approximated way. This result has important applications in “combined evidences” and other problems of expert systems. It has been collected into the series “Machine Intelligence and Pattern Recognition” (1992, Elsevier) and “Science in China”.

In domain theory, Ying-Ming Liu and Ji-Hua Liang solved the two open problems raised by J. Lawson and M. Mislove in “Open Problems in Topology”, characterized
the continuity of the space $[X?L]$ of continuous functions from a space $X$ to continuous domain $L$, which involves the important cartesian closedness in domain theory. “Mathematical Reviews” commented it as “solved a long standing problem in the theory of continuous partial ordered sets”, “made significant progress in the theory of continuous partial ordered sets”. In 2001, Mao-Kang Luo and Hui Kou solved other two open problems in the monograph raised by Lawson and Mislove, provided a groundwork for setting recursive structures and was used to solve problems of domain equations and answered the question: When a category of topological spaces retracts to a category of continuous domains with Scott topologies, published respectively in “Science in China” and “Domains and Processes” of the series “Semantic Structures in Computation” of Kluwer Academic Publishers. They were regarded as “original approaches”, “it is sufficiently novel, interesting, and original”, “original and significant contributions”, and so on.

Main professors:

Ying-Ming Liu, Academician of Chinese Academy of Science, topology on lattices, domain theory, processing of fuzzy information.
Mao-Kang Luo, full professor, ordered structure, topology on lattices, domain theory.
Zhong-Fu Li, full professor, processing of fuzzy information, fuzzy control, neural network.
Ji-Hua Liang, full professor, ordered structure, topology on lattices, domain theory.
De-Xue Zhang, full professor, topology on lattice, ordered structure.

Global Differential Geometry

The study of modern differential geometry mainly focuses on global properties of spaces and manifolds, namely global differential geometry. It has great influence to the advances of other fields. Thus its importance is well recognized by mathematicians and physicists worldwide, and is one of the mainstream areas in mathematics. The main interest of research of the differential geometry research group in Sichuan University include the theory of sub-manifolds, global affine differential geometry, symplectic geometry, symplectic topology such as Gromov-Witten invariant, quantum cohomology and orbifold string theory.

Main professors:

Li An-Min, male, born on Sep. of 1946 in Chongqing. He received his Master Degree from Department of Mathematics, Peking University in 1982 and his Ph. D from Fachbereich Mathematik, Technische Universitat Berlin in 1991. He became a full professor in Sichuan University in 1986. He was a Humboldt fellow in...

Zhao Guosong , full professor. His interest of research is theory of submanifolds, global affine differential geometry, symplectic geometry, symplectic topology, Gromov-Witten invariant, quantum cohomology and orbifold string theory.

Algebra

Our main research area is Representation Theory of Algebra. It mainly deals with finitely dimensional modules of finitely dimensional associative algebras and categories related to these modules. Beginning from the early 1970’s, it has thrived rapidly driven by its own research objects and methods, such as representations of quivers, Auslander-Reiten quivers, tilting modules, derived categories of finitely dimensional algebras, quiver varieties, Ringel-Hall algebras, and so on. It is also related to other fields, such as Finite Group, Algebraic Group, Topology, Geometry, Infinitely Dimensional Lie Algebra, Quantum Group, and so on.

Main professor:

Liangang Peng, male, born in 1958, Ph. D. and full professor. He got his ph. D degree from Beijing Normal University in 1991 supervised by Prof. Shaoxue Liu. He was a Humboldt fellow from 1993 to 1994 in the University of Bielefeld, Germany, supervised by Prof. Claus Michael Ringel. He became a full professor in Sichuan University in 1994. His interest of research is Representation Theory of Algebra. He is currently interested in Ringel-Hall algebras, especially the relationship of representations of algebras via Ringel-Hall algebras to infinitely dimensional Lie algebras and quantum groups.

Number theory and its applications

The research of number theory in Sichuan University was pioneered and established by the famous Chinese mathematician, the late Academician Zhao KE (1910-2002). This team, which is made up of a group of talented researchers, is famous both for its research and the training of young mathematicians. The current research areas are arithmetic over finite fields (Qi SUN, Qifan ZHANG), algorithm of public keys of encrypted code (Qi SUN, Guohua PENG, Qifan ZHANG), p-adic analysis and L-functions of algebraic varieties over finite fields (Shaofang HONG), arithmetic over function fields (Guohua PENG). The present research projects include one sponsored by the Research Fund for Collaboration With Oversea Young Scholars, one sponsored by the National Natural Science Foundation and 3
related to the algorithm of encrypted code. There are 14 graduate students in the
master degree program and 8 Ph. D. candidates in the group.

Main professor:
Qi SUN, full professor. His research areas are arithmetic over finite fields and
algorithm of public keys of encrypted code. He has published more than one
hundred papers and six monographs on indefinite equations, arithmetic over finite
fields, transformations of number theory, algorithm of public keys of encrypted code
etc. He was also awarded many prizes by Sichuan Province and the Ministry of
Education. He completed 4 projects sponsored by the National Natural Science
Foundation and 4 projects sponsored by the College Doctoral Program Foundation
in the last 10 years. Currently, he is engaged in a research project with a young
mathematician, Prof. Daqing WAN sponsored by the Research Fund for
Collaboration With Oversea Young Scholars. Currently, he is in charge of one
project of encrypt code theory sponsored by the National Encrypt Code Research
Foundation For the 10th Five-year Planning and two projects sponsored by the
Defense Foundation of Key Laboratory For Science and Technology.

Applied Probability and Statistics
in Information, Biology, and Medical Sciences

Our interests in this field are to apply the advanced probability and statistics as well
as other mathematical theories and methods to solve some challenging problems
in information science and technology, biology, and medical sciences. These
problems include the optimal decision and estimation of the stochastic system,
multi-source information fusion, data mining, hidden Markov model, parameter and
wave form estimation of non-stationary fractal stochastic process, and their
applications in computer science, electronic information, bio-informatics, and
medical sciences.

In this field we have won more than 10 grants and 1 important grant of Natural
Science Foundation of China, and 1 grant of National Key projects from the
Ministry of National Science and Technology. We have published 4 books by
respectable publishers in China and other countries. We’ve also published more
than 100 papers, more than 40 of which are on the international journals. In
addition, we’ve won two science and technology awards from Education Ministry
and Sichuan Province.

This field currently has 3 full professor, 4 associate professors.

Main professors:
Zhu Yunmin, full professor. He received his B.S. degree from the Department of
Mathematics and Mechanics, Beijing University, China in 1968. He worked in
Institute of Mathematical Sciences, Chengdu Institute of Computer Applications,
Prof. Zhu is the author or coauthor of over 60 papers on international and Chinese journals. He is the author of Multisensor Decision and Estimation Fusion (Kluwer Academic Publishers, 2002) and Multisensor Distributed Statistical Decision (Science Press, Chinese Academy of Science, Beijing, 2000), and coauthor (with Prof. H. F. Chen) of Stochastic Approximations (Shanghai Scientific & Technical Publishers, 1996). He is on the editorial board of the Journal of Control Theory and Applications, South China University of Technology, Guangzhou, China.

He has received 10 grants from NSF and Ministry of Science and Technology of China, and won 2 Science and Technology Awards from Education Ministry of China and Government of Sichuan Province, 1 Excellent Teacher Award from the University.


Functional Analysis and Control Theory
(1)Operator algebras on functional spaces:
The functional spaces and their operator algebras on general domains on complex
plane and complex spaces is an important branch of modern mathematics. Due to
the rich geometrical structure of the domains on complex spaces, there exist
different types of functional spaces and operator algebras with different structures
on these domains. It is well known that, the Toeplitz C*-algebras on the circle in
complex plane play an important role in the development of K-theory of operator
algebras and the birth of the BDF theorem. We may expect that the Toeplitz C*-
algebras on general domains, because of their rich structure, will provide various
different models for operator algebras, which will be helpful for its classification.
Meanwhile, since these domains possess rich geometrical and topological
structures, the research on these functional spaces and their operator algebras is
important for the bridging of the operator algebras and other branches in
mathematics.

(2) Semigroup theory and Control Theory
Evolution semigroups and regular semigroups; applications to non-autonomous
evolution equations, regularization of ill-posed PDEs and smoothness of the
solutions.
Controllability and observability of distributed parameter control systems and their
relations to stabilizability and detectability; boundary stabilizability problem of
elastic systems and wave equations; unbounded admissible perturbation theory for
Salamon-Weiss systems; robust stabilization for distributed parameter systems
with respect to structural perturbations and small time delays.
Main professors:
Huang Falun: full professor. His research fields are functional analysis and control
theory. He was supported by NNFC. He has published numerous important papers
on some important mathematical journals over the word.
Cao Guangfu: full professor. His research fields are operator theory and operator
algebras. He was supported by NNFC. He has published over 40 research papers
on some important mathematical journals over the word.

Differential Equations and Dynamical Systems and their Applications
Differential Equations and Dynamical Systems include continuous systems, which
are specified by ordinary differential equations, partial differential equations, delay
differential equations, impulsive differential equations, stochastic differential
equations; and discrete systems, which are described by difference equations and
iterative equations. The research focuses on the mathematical patterns of the
changing of some physical states as time various with the emphasis on the
geometric implications, judging criteria and computational methods behind some
naturally occurring phenomena. The topics of research include the global existence
of solutions, blow up solutions, blow up rate, self-similarities of solutions, asymptotic behavior, uniform boundedness and the lifespan of solutions, low regularity, oscillation, qualitative structure of orbits, local and global bifurcations, existence and persistence of periodic and homoclinic orbits, invariant manifolds, attractor and chaos, theory and algorithms of iteration, iterative roots and embedding flows. The theory can be applied to mechanical vibration, electromagnetic oscillation, automatic control, astronautics, neural networks, geology, ecology and economy. There are seven full professors (also doctoral supervisors) (Prof. Lu Kening, Prof. Xu Daoyi, Prof. Zhang Weinian, Prof. Mu Chunlai, Prof. Li Jibin, Prof. Zhang Jian and Prof. Ma Tian), one associate professor and three lecturers in the group.

Main professors:


Chunlai Mu, full professor, received his Ph.D. from Fudan University in 1994. He has been an investigator in projects from NSF(China). He visited and collaborated in universities in Russia and Hong Kong, published more than 30 papers in international journals such as Nonlinear Analysis, J. Math. Anal. Appl., Appl. Math. Letters .

Information and computational science
The development of theories and applications of science and technology depend
heavily on scientific computation. Many practical problems often involve in high-dimensional, singular partial differential equations, integral equations and integral-differential equations defined on complicated domains. The amount of the computation of these problems is often too large to be undertaken even by gigantic computers. Thus our interests of research focuses on developing optimized methods that overcomes the dimensional and singular obstacles with high accuracy, low computing costs and are highly paralleled. Specifically, our tasks include:

(1) Combine domain-decomposition methods with splitting extrapolation methods, and propose the domain-decomposition splitting extrapolation method. The method decomposes a large-scale problem into many independent small-scale sub-problems. The sub-problems are then handled by multi-processor computers parallelly so as to overcome the dimensional and singular obstacles. With the splitting extrapolation methods, high accuracy and posterior estimation can be achieved, and large-scale problems can be solved by middle- or small-sized computers, or even by microcomputers.

(2) Research on high performance finite element methods. Locking phenomena often occur in numerical modeling problems in solid and structural mechanics, and fluid mechanics, and deteriorate numerical approximations. How to circumvent locking has been a hotspot in engineering mechanics in the last decade. Finite element methods of high performance are free from locking, of high accuracy and low computing cost. We have obtained some important results to date.

(3) Solve boundary integral equations by mechanical quadrature methods and their extrapolation methods. Boundary finite element methods are widely used in engineering computation. However, due to the high computation complexity, the costs of generating discrete matrices are too high. Using quadrature methods will reduce the complexity. To this end breakthrough in algorithmic theory is needed. Up to now we have obtained many results.

Main professor:

Lv Tao, full professor. He has published 3 monographs and more than 80 research papers on important journals. He made some contributions to high performance numerical methods in science and technology. The finite element extrapolation method and splitting extrapolation method proposed by him have some influences in the field. As SIAM Review commented, the splitting extrapolation method is an important result achieved by Chinese and can overcome dimensional effect. It is worth mentioning that, his work on this was cited by P. G. Ciarlet in his monograph «Handbook of Numerical Analysis» (volume 2).

Prof. Lv has own 5 projects sponsored by “National Natural Science Fund” and 1
project sponsored by “863 Plan”. He also won three prizes awarded by Sichuan Province and the Ministry of Education.
Brief Introduction for West China College of Stomatology, A Brief Introduction of Key Laboratory for Oral Biomedical Engineering, Ministry of Education

Key Laboratory for Oral Biomedical Engineering, Ministry of Education was established and approved by Ministry of Education of China in Juan. 2002. KLOBME affiliated to Sichuan University and Wuhan University and is a domestically and internationally opening laboratory. The laboratory keeps many high -class equipments and appliances and has strong ability in basic research and clinic studies related to stomatology. Now KLOBME has seven specialized laboratory: Laboratory of Oral Biomaterial, Laboratory of Oral immunology, Laboratory of Oral Biomechanics, Laboratory of Biochemistry and Molecular Biology, Laboratory of Tissue and Cell Engineering, Laboratory of Oral Micro-ecology and Laboratory of Oral Informatics.

The main research areas of KLOBME are oral implantation materials, oral organic and inorganic materials, biological mechanism and their prevention of oral diseases, mechanics of oral tissue, organs and biomaterials, etc. KLOBME has accomplished many research project supported by national “863” project, national natural science fund and different province or ministry research funds. More than 20 research projects win the scientific development prizes from nation, ministry, province and city.

KLOBME has a 2400 m3 space for research and a lot of high-class experiment equipment and appliances. Many famous experts and professors work and study in KLOBME. Now KLOBME is focusing on international frontier research direction and the next key works will emphasize on oral biomedical material, application of nanometer materials in oral area, tissue and cell engineering related to stomatology, molecular biology related to oral diseases and oral microecology, etc.

KLOBME welcome all the scholars and experts within China or abroad to study here or to establish cooperation relations through any way.

The director of academic committee of KLOBME is Professor Fan Mingwen, the
director of KLOBME is Professor Zhou Xuedong, the secretary of academic committee of KLOBME is professor Tian Weidong.

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Brief Introduction to the Department of Prosthodontics
The Department of Prosthodontics in West China College of Stomatology, Sichuan University is a state-supported discipline. There were many senior prosthodontists, famous both at home and abroad, such as Prof. Wei Tongzhi, Prof. Chen Anyu, Prof. Zhang Qiongxian, Prof. Du Chuanshi, Prof. Yuan Shaowei, Prof. Yu Shuyao, and Prof. Zhao Yunfeng. Due to senior prosthodontists’ leadership and several generations’ efforts as a whole, the department has developed into a medical, teaching and scientific research group, with powerful strength, integrated and well-graded staff, and full-scale branches. It cultivates postgraduates of high quality, carries out scientific research at high levels, and provides excellent medical services. The department occupies a domestic leading status and is of certain international influence. Now, Prof. Chao Yonglie of the department is authorized as the director committeeman for the Academy of Prosthodontics, Chinese Medical Association, and he is one of the important leading academic authorities in Chinese Prosthodontics.

The department is among the first ones authorized to have the right to confer the master’s degree (1978) and the doctor’s degree (1981) in China. There are abundant teaching staff, including 5 tutors qualified to train doctoral students and more than 10 tutors qualified to train master students, in which 2 tutors are authorized to recruit postgraduate students from Hongkong, Macau and Taiwan. By now, there have been more than 100 masters and more than 70 doctors graduated. Still are there more than 100 master students and 45 doctoral students in school. In addition, 2 students have acquired their postdoctoral degree. With prominent medical techniques, rich teaching experiences and a excellent teaching situation, the department cultivates highly-qualified personnel equivalent to the international level.

In 1989, the department was awarded exclusively the state-supported discipline of Prosthodontics by the State Education Committee, and then was included in the list of State Changjiang Scholar Program. The department is the cradle of fixed prosthodontics in China. Ranging from basic research to clinical application, a
complete and mature set of theories, manipulation criteria and technological processes has been formed, especially about those with West China characteristics, i.e. the non-precious metal-ceramic system, the castable metal system, the infused ceramic system and CAD/CAM. Including all the above knowledge and training, the teaching programs enables all students graduated to be capable of clinical work in fixed prosthodontics. As advantageous items, ceramic fixed prostheses and oral biomechanics not only drive the full-scale development of the department’s research work, but also take important part in promoting domestic prosthodontic level. It has been proved that those researches have brought out quick development of the department, great social benefits and economical benefits. By now, the department has received 3 state-level rewards, 17 department or province-level rewards, 1 foundation-level reward and 9 city or university-level reward.

Our Hospital is one of those firstly carried out researches and medical treatments of implant prosthodontics in China. With particular advance techniques and basic theories, implant prosthodontics enlarges indications of traditional prostheses, and has been a hot research foreland abroad. Domestic implant prosthodontics has gained prominent process, in which our department plays an important role. The department carries out all the removable, fixed and implant prosthetic treatments for leisions of teeth and oral soft and hard tissues, such as immediate dentures, overdentures, all-ceramic prostheses, precious metal-ceramic prostheses, titanium-ceramic prostheses, CAD/CAM, precision attachment prostheses, telescopic crown prostheses, precious metal framework dentures, titanium and titanium alloy framework dentures, and the prosthetic treatments for maxillofacial lesions and periodontal diseases.

Orthodontics

Main aspects of study:
1. The study of the mechanisms and treatments of dentofacial abnormalities.
2. The study of the morphologies and functions of dentofacial abnormalities.
3. The study of the materials and techniques of Orthodontics.

Main achievements of studies:
1. Study on functional orthopedics:
   1) Investigation about the effect of rat condylar endogenous PGE2 and cAMP on the condylar growth and adaptation during the rat mandible functional protrusion.
   2) Experiment research about the level and distribution of Insulin in condyle during mandibular functional protrusion in growing rats.
   3) Changes of insulin-like growth factor I peptide and gene expression to mandibular functional protrusion in growing rat condylar cartilage.

5) The characteristic changes of the nicotinic acetylcholine receptor (nAChR) on young growing rat lateral pterygoid muscle and superficial masseter muscle after the functional mandibular advancement.

6) Circannual rhythms changes of parathyroid hormone-related protein (PTHrP) in growing rats after functional mandibular protrusion: an experimental study.

2. Study on biology:


2) Study of bone formation during orthodontic tooth movement in rats with periodontitis.

3) Effects of mechanical strain on the function of osteoblasts in vitro.

4) Expression changes of the Nicotinic Acetylcholine Receptor (nAChR) of maxillofacial skeletal myocyte in response to strain in vitro

5) Changes of intracellular calcium and Ca2+-Mg2+ATPase of cultured myoblast induced by cyclic stretch.

6) The effects of growth hormone and tensive stress on rabbit's mandibular condylar chondrocytes' proliferation and secretion in vitro.

7) The effects of orthodontic force on the inflammatory periodontal tissues remodeling and the relative cytokines expression in adult rats: an experimental study.

8) Differential regulation of P2X3 receptors expression in the rat trigeminal ganglion after experimental tooth movement.

9) Apoptosis and integrin β1,β2mRNA expression of osteoclasts in experimental periodontitis and orthodontic tooth movement in rats.

3. Study on biomechanics:

1) Study of the resistance center of dentofacial structure.

2) Three-dimensional finite element analysis for the displacement and stress within the nasomaxillary complex by orthopedic forces.

3) Studies on biomechanical characteristics of masticatory muscles and craniofacial morphology.

4) Biomechanical studies on orthopedics in human mandible by means of the three-dimensional anisotropic finite element method.

5) Three-dimensional finite element analysis of a maxillary canine during the tooth movement.

4. Study on morphology

1) The craniofacial form and orthopedic treatment of skeletal anterior crossbite in
adolescents.

2) The study of establishment and application of three-dimensional soft tissue facial reconstruction and morphometry.

5. Study on orthodontic materials:

1) The development and evaluation of Fluoride releasing adhesive: Fluo-HX.

Famous academic guides:

1. Luo Songjiao, female, professor, tutor of PhD student, member of IADR, referee of “Chinese Journal of Stomatology” and “West China Journal of Stomatology”.
   Direction of researches: functional orthopedics of dentomaxillofacial abnormality.


Brief Introduction to the Department of oral medicine

Oral medicine is one of the main branches of clinical stomatology. It includes department of cariology, Endodontology periodontology and oral medicine. In them, caries and periodontitis are two commonest oral diseases with the highest level incidence. The aim of oral medical therapy is to keep natural teeth, maintain the health of periodental and mucosal tissue. Oral medicine is the base and premise of prosthodontis, orthodontics and other oral therapeutic science.

In the Department of oral medicine in West China College of Stomatology, Sichuan University, there are 34 teaching staff and 16 nurse staff including 9 professors, 8 associate professors and 17 lecturers. 9 of them have doctor degree and 10 have master degree. All young teachers have doctor or master degree. Our department has 5 doctorate supervisors, 8 master supervisors, have already cultivated 70 masters, 50 doctors and 4 postdoctors, now 50 masters, 25 doctors and 2 postdoctors are in study. The department of oral medicine is one kind of multiple departments, which have medical teaching and scientific research functions. It was authorized to have the right to confer master degree in 1978 and doctor degree in 1981, to recruit postgraduates in 1991. The department was awarded the university-level important department in 1994 and the province-level in 1995. Our department have already carried out about 15 National Science Fund Projects, and cooperated...
with Hongkong University California University, Arhus Oral Research Center. In the same year, it was awarded by the MPH the state-supported discipline and state treating base for further education in 1996. Two years later, the department received the Exhalent Discipline Reward and the import oral clinical discipline reward. In addition, the department directed to edit the first, second and third editor of «oral medicine» which was designated by the MPH. From the Eight-Five projects it has received 13 terms of teaching rewards in which one is state-level reward and 12 are department or province level. By now, the department has received province level, university-level teaching committee rewards 3 times and 30 numbers of teaching staff have received single Exhalent teaching rewards Successively.

At present, the department of oral medicine has three inferior disciplines dental: hard tissue and pulp disease discipline, periodontics discipline and mucosal disease discipline. Each of them is specialized in the diagnosis and therapy of caries, non-caries dental hard tissue diseases, pulp-periapical diseases and periodontal, mucosal diseases.

Cariology and Endodontology

The dental hard tissue and pulp disease discipline is the discipline with prominent teaching staff’s represent by the director of the hospital, doctor-tutor Prof. Zhou Xue Dong and doctor-tutor Prof. Liu Tian Jia. In the aspect of hard tissue therapy, it mainly develops caries therapy without and ache or any damage, hard tissue damage restoration and esthetic tooth restoration. In the therapy of pulp-periapical diseases, it actively advocate new techniques, new ways to promote the incidence of keeping teeth with strict quality control. In this field, the department occupies a domestic leading status and is of certain international influence. Main research field include: Anti-caries gene vaccine; Anti-caries natural medicine; Cariogenic factors genetic polymorphism of streptococcus mutans; Micro-ecology of dental plaque and so on. Now, the department carries out automatic root canals instrumentation, themofil, difficult root canals therapy, analgesic treatment, complex restoration, and have Ni-Ti file instrument, ultrasonic canals instrument, apex locator, thermofil, dental microscope and laser treatment.

Periodontology

We carry out basic skill training of periodontitis, to further-educated specialists and postgraduates. Main research field include: Gene therapy and pathogenic bacterial genetic polymorphism of periodontitis. Alveolar bone induction of periodontitis. The training include diagnosis, case reports and treatment plan of periodontitis. Root planning, curettage, root resection are applied in clinic. We also practice new techniques including teeth fixation, GTR, GBR, root resection, semisection, the choice of optimized treatment plan, propaganda of oral hygiene.
Oral medicine

The department of oral medicine have expert, 3 professor, 1 associate professor and well-equipped labs, high techniques. The treatment level takes in lead in China. Main research field include: Molecular pathology of oral mucosal disease, pathogenesis mechanism of candidiasis leukoplakia. Prof Li Bingqi is research group leader, famous expert in oral medicine, also dean of oral medicine of Chinese Association of Stomatology. Prof, Li Bingqi combined natural medicine of traditional Chinese herbs to modern medicine, promoted oral ulcers, oral lichen planus, pemphigus cure incidence, the department is equipped by many advanced diagnostic instruments, also charged of several national ministry research projects, and edited. Ministry of Public Health designated textbook, oral mucosal disease, received several Science and technology Award of Ministry of public Health.

Brief Introduction To Oral & Maxillofacial Trauma

& Restorative & Reconstructive Surgery

General situation at home and abroad:
Trauma is a both old and new disease. From the date which human born, trauma is a general disease. Modern society endows trauma a bran-new meanings both with its significance and its treatment methods. So, it’s named “disease of developed country” and “the twin of modern civilization”. Now trauma is facing much important and complicated question and is becoming one key question affecting human health, popular quality and survival quality.

Overseas statistical results indicated that trauma hold No. 1 (17.09‰) in the comparing of years of potential life lost (YPLL). In 1957, trauma held No. 9 (19.0/100,000) in the death reason of human. In 1991, the position of trauma increased to No. 4 (57.2?/100,000). The traffic accidents increased 20 percent from the beginning 1990’s to the end of 1990’s. In 1999, the traffic accidents happened up to 300,000. The number of direct death is 73,000. The number of wound persons is 190,000. Trauma does serious harm to society, family and economy. So, the developed countries all attach importance to diagnosis and treatment of trauma. China does so. The central government have already list “The foundational research on the damaging mechanism and treatment of serious trauma” into 973 project.

Though oral & maxillofacial trauma has less effect on life than trauma of important viscera, its effect on facial appearance and societal psychology is much heavier than other trauma. On 13th conference of oral & maxillofacial surgery (Washington DC, USA, 1999), oral & maxillofacial trauma was listed as one of three most
important developing aspect in oral & maxillofacial surgery in the new century.

Domestic status in quo of this subject:
The researches on oral & maxillofacial trauma in China get up lately. Up to now, there is still no trauma net. The clinical resource weren’t used enough. The cooperation among every subject isn’t mature. The mature programming and suggestions haven’t make up yet. After the 1st national conference on oral & maxillofacial trauma was held in Jiujiang in 1987, the 2nd national conference on oral & maxillofacial trauma was held in Xi’an in 2000. It indicates that the domestic research of oral & maxillofacial trauma isn’t active yet. The 3rd national conference on oral & maxillofacial trauma will be held in West China College of Stomatology in Sep, 2003. We hope that it will help flourish the domestic academic air.

The research of oral & maxillofacial trauma of West China College of Stomatology get up in 1990’s. Though we get up lately, but we get the following achievement:
1. The project “The foundational and clinical research on super-high molecular weight polylactic acid ” was staked by the national 863 plan. (No.: 715-002-0140)
2. The project “Experimental Research on Genetic Expression of Fibronectin during Healing of Mandibular Fracture” was staked by National Natural Science Foundation of China. (No.: 39870750)
3. We have already get 2 national patent of invention and 1 national patent of practical new pattern.
4. 80 papers have already been published.
5. 5000 cases of oral & maxillofacial trauma have been clean up, retrospected and analysed. The normal digital case history of oral & maxillofacial trauma have been built up.
6. Our department get supernal academic place and honor. Prof. Tian Weidong occupies vice-dean of Academic Group of Trauma, Academic Committee of Oral & Maxillofacial Surgery, China Academy of Stomatolgy.

Chief research direction:
1. The research on tooth tissue engineering and bone tissue engineering.
2. The foundational and clinical research on maxillofacial fracture.
3. The research on new technique of plastic and cosmetology in oral & maxillofacial region.

Leader of the subject:
Tian Weidong, male, Doctor & Post-Doctor of Stomatology. Prof. Tian Weidong now occupies the following positions: Professor; Dean-doctor; Tutor of graduate student to Doctor; Dean of Department of Oral & Maxillofacial Surgery, West China
College of Stomatology, Sichuan University; Dean of Trauma & Plastic Surgery; Dean of the Sichuan Bio-medical Engineering Key Lab of Stomatology; Committeeman of Academic Committee of Oral & Maxillofacial Surgery, China Academy of Stomatology; Committeeman of Sichuan Academic Committee of Stomatology, China Academy of Medicine; Vice-dean of Academic Group of Trauma, Academic Committee of Oral & Maxillofacial Surgery, China Academy of Stomatology; Youth committeeman of Academic Committee of Restorative & Reconstructive Surgery, China Academy of Restorative Medicine; Committeeman of Academic Group of Tissue Engineering, Academic Committee of Restorative & Reconstructive Surgery, China Academy of Restorative Medicine; Committeeman of Sichuan Academic Committee of Restorative & Reconstructive Surgery; Advisor of Chengdu Advisor Mass of Science & Technology; Vice Editor in chief of “Journal of Oral & Maxillofacial Surgery”; Standing Vice Editor in chief of “Foreign Medicine-Fascicule of Stomatology”; Committeeman of Editor Board of “Chinese Stomatological Annals”, “West China Journal of Stomatology”, “Practical Journal of Stomatology”, “The Journal of Prevention & Cure of Oral Disease”. Prof. Tian always deal with the clinical, teaching, scientific research work of Oral & Maxillofacial Surgery. He’s good at Oral & Maxillofacial Trauma & Restorative & Reconstructive Surgery. In the foundational research, he took deep research on mechanism of bone metabolize, artificial bone, biological characteristic of osteoblast, the gene therapy of TMJOD, tooth tissue engineering, and so on. He has already published 80 papers, 10 books(3 as editor in chief; 1 as vice editor in chief; 6 as editor). He has got 1 Sichuan Excellent Teaching Result Award(Class 1) and 2 University Excellent Teaching Result Award(Class 2 and Class 2 each). His research project was awarded by “Prophase Special Project of Grave Foundational Research, Ministry of Science and Technology” once; “Scientific Research Encouragement Plan to Excellent Youth Teacher of Colleges and Universities, Ministry of Education”; CMB Fund of USA, “National Natural Science Foundation of China” and other projects 14 times. He was elected as Excellent Youth Scientific Research Person with ability of Ministry of Health and Sichuan Excellent Youth Leader of Subject in 1998. He was elected as Sichuan Academic Leader in support in 2001 and Excellent Doctor in Sichuan in 2001.

Liu Lei, male, Doctor of Stomatology. Dr. Liu Lei now occupies associate professor of West China College of Stomatology. His chief research direction is “The Molecular Foundational and Clinical Research on Maxillofacial Fracture”. As principal and main member, he join 4 projects (were awarded by National Natural Science Foundation of China) ; 1 project (awarded by Prophase Special Project of
Grave Foundational Research, Ministry of Science and Technology’); 1 project (awarded by 863 plan); 2 other projects. All projects are smoothly or finished. He has got a Scientific Award from Office of Science and 1 University Excellent Teaching Result Award. He was elected to “Backbone Teacher of Sichuan Univenerist”. He has published 38 papers and 4 books(2 as vice-editor in chieft, 2 as editor).

Department of Cleft Lip and Palate

The department of cleft lip and palate surgery has three parts: the cleft lip and palate clinic, the cleft lip and palate specialized ward and the speech correcting room. We perform all kinds of treatments relevant to cleft lip and palate, such as orthopedic surgery of the primary and secondary deformity, speech correction, treatment of hearing loss, psychological counseling and combined treatments with orthodontics department, oral medicine department, prosthetics department, implantation department, etc.

In our department several specialists who are famous in and abroad have improved and created many distinguished treating methods which are called “HuaXi Modified Methods”. We insist on individual planing for each patient according to his own condition. And we hope our sequential treating plan can make it up for all of our patients whether physically or psychologically.

Specialists list

Shi Bing: Professor, Doctoral Advisor vice president of the China Cleft Lip and Palate Association, member of the specialists group of China Charity Federation, dean of the cleft lip and palate surgery department
Zheng Qian: Associate Professor, Graduate Advisor member of the China Cleft Lip and Palate Association, vice dean of the oralmaxillofacial surgery department
Xu Huifen: Professor, Graduate Advisor former vice president of the China Cleft Lip and Palate Association, member of Millara Orthopedics Association of USA
Liao Xiaoyi: Professor, Graduate Advisor well-known orthopedics specialist of cleft lip and palate

Department of cleft lip and palate surgery

Phone Number:028-85501462

The introduction of Head-Neck Surgery on Oncology and Salivary Glands Diseases

Head-neck tumor and salivary glands’ diseases are important topics of Oral-Maxillofacial Surgery (OMS). Based on the achievement of OMS in China during the past 50 years and the demands of the future development of the discipline, Head-Neck Surgery on Oncology and Salivary Glands Diseases was established
as an independent department of West China college of stomatology, Sichuan University, in 2003. The academic works of this new founded department includes the clinical dealing of head and neck tumors, the repairment and reconstruction of defection of the head-neck region, the tumoral and non-tumoral disease of salivary glands and the related basement researches. Prof. Li Longjiang is appointed as the dean of the new department.

There is a fine trained professional troop working for the Dept. of Head-Neck Oncology, including 4 professors, 2 associate professors, 2 lecturers. Among them, there are 2 tutors for MD degree and 2 tutors for MM degree. The Dept. consists of a ward, 4 outpatient clinics special on head-neck tumor, hemagioma, salivary diseases and microwave-heat therapy, and a laboratory on head-neck oncology.

The Dept. is leading the academic level in China. It is the chairman institution of the branch of Oral-Maxillofacial Oncology in academic committee of oral maxillofacial surgery (Chinese Stomatology Association), Southwest China Cooperating Association on Head and Neck Surgery, Head and Neck Tumor Committee in Anti-cancer Association of Sichuan, and is the major membership institution of academic committee of oral maxillofacial surgery and its special groups (in Chinese Stomatology Association), Anti-cancer Association of China and of Sichuan, Sichuan academic committee of repair and reconstruction of head-neck.

There have been more than 15 researching items supported by the national natural scientific foundation of China or key foundation of science and technology office of Sichuan province. There were more than 50 graduated granted for MD, DDS, PhD and MM degree in the related field, and are more than 20 postgraduate studying in the department.

The subjects set for MD and MM: The clinical and basement researches on head and neck oncology, the repair and reconstruction of head-neck defection, the tumoral and non-tumoral diseases of salivary glands.

Tel:028-85501428

Professor Wen Yuming, graduated from College of stomatology, West China university of medical sciences in 1957, is specialized in the researches of prevention and therapy of head and neck tumors and the reconstruction of oral and maxillofacial defection. Prof. Wen had been the vice dean of College of stomatology of West China University of medical sciences and the director of the Bio-medical key-lab of stomatology, and now is the mentor for graduate students and the director of Head and Neck Oncology Institution of West China college of stomatology. He undertakes many academic offices in this field, such as dean of branch of Oral-Maxillofacial Oncology, academic committee of oral maxillofacial
surgery, Chinese Stomatology Association, dean of Southwest China Head and Neck Surgery Cooperating Association, director of Head and Neck Tumor Committee, Anti-cancer Association of China, vice chief editor of the Journal of West China stomatology and members of editor committee of 8 academic journal in China and member of international association of oral-maxillofacial surgery. He takes on many items of state-supported research work. More than 170 treatises and 19 books published based on his research and clinical work. He was awarded for 7 prize from Health Ministry, government of Sichuan Province and Chengdu City, and has directed more than 40 graduate students of M.M and M.D. degree. He is privileged of special subvention from China government for academic experts.

Professor Li Longjiang graduated from college of stomatology, Xi’an Medical University in 1986, and won his Medical Doctor (M.D.) degree in West China University of Medical Sciences in 1994. Professor Li is the dean of department of head and neck oncology, West China College of Stomatology, Sichuan University, and is the mentor for graduate students both in Medical Master and Medical Doctor study. He undertakes many academic offices in this field, such as vice dean of branch of salivary gland disease, academic committee of oral maxillofacial surgery, Chinese Stomatology Association, vice dean of Southwest China Head and Neck Surgery Cooperating Association, director of Sichuan Head and Neck Tumor Academic Committee. He is specialized in the researches of prevention and therapy of head and neck tumors and the reconstruction of oral and maxillofacial deflection. He takes on many items of state-supported research work. He has more than 100 articles published in different magazines, and has taken part in editing of 10 academic books. Professor Li has won 3 items of prize from Health Ministry, government of Sichuan Province and Chengdu City, and has directed 34 graduate students in M.M and M.D. degree study successively.

Orthognathic and TMJ Surgery Center
The Department of Oral and Maxillofacial Surgery, West China School of Stomatology Sichuan University is key discipline of the Education Ministry of China. The Center of Orthognathic and TMJ Surgery has several well-known oral & maxillofacial surgeons, and enjoys high reputation both on clinic and resident training in orthognathic surgery and temporomandibular joint (TMJ) surgery. The center is to treat the patients with dentofacial deformities or temporomandibular joint diseases, and to do some basic and clinical research on these two subspecialties of Oral and Maxillofacial Surgery field.
Main Research Projects:

1. Basic and clinical research for craniofacial distraction osteogenesis.
2. Changes in facial hard and soft tissue, and TMJ following orthognathic Surgery.
3. Arthroscopic surgery, open arthroplasty and reconstruction of total joint.

Academic supervisor: Dr. Dazhang Wang DDS, FICD
Director of the Center: Dr. Jing Hu DDS, MS, PhD

School of Chemical Engineering of Sichuan University

Founded by the Mr. Zhang Hongyuan, the pioneer in chemical engineering education, the School of Chemical Engineering at Sichuan University is originated from the chemical engineering departments of nine institutes. The school now consists of Department of Chemical Engineering, Department of Chemical Process Equipment and Control, Department of Pharmaceutical Engineering, Teaching Base of Chemistry Courses for Engineering Students, Chemical Engineering Design and Research Institute and Panxi Institute for Resource Utilization and is one of the largest scale schools at Sichuan University. It offers 6 specialties for undergraduate students, 6 Master degree programs, 3 Ph.D. programs, 1 program open to postdoctoral applicants, 1 post for “Changjiang scholar” professor, 1 provincial key discipline and 2 provincial key labs. In its 193 staff members, there are 44 professors (and research fellows) in which 13 are doctorial supervisor, and 69 associate professors (and research fellows). There are now about 1800 enrolled students, including 185 Master graduates and Ph.D. candidates and 165 Master of Engineering graduates. Various scholarships are available for qualified students.

Of the research projects currently in progress, over 60 projects are state or provincial key projects and NSFC (Natural Science Fund of China) projects, involved in the various aspects of chemical engineering science. The annual research fund exceeds 6 million yuan. In the recent years many national and provincial prizes have been awarded to the faculty members of our Department due to their outstanding achievements and more than 1000 articles have been published in national and international journals. International cooperation and exchanges play a more and more important role in the development of school.

With its remarkable contributions in both higher chemical education and chemical engineering science, the school has being enjoyed a national prestige. A systematic teaching and research facilities has established to guarantee the creditable technical services and a far and wide corporation with industrial sectors has built in personnel training and scientific researches, resulting in a tremendous success on the integration of “production, learn and research”.

Chemical Equipment Research Institute
It engages applied-fundamental research of process equipment, development of new and efficient chemical process equipment and technique of forming a complete set. There are following research groups: Group of filtration and separation process and equipment, Group of material surface engineering, Group of heat transfer in chemical apparatus and energy saving, Group of waste water treatment process and apparatus, Group of fluid pumping machines and sealing technology.

Environmental Biological Engineering Research Institute
It engages treatment technology and efficient reactors of organic waste water, treatment of garbage ooze, waste water treatment of petrochemical engineering, composition of water treatment agent, garbage biological fertilizer metals, trans-subject research and development of reaction process control and solid-liquid separation.

Institute of Comprehensive Utilization of Panzhihua Resources
The institute is engaged in science researches on the preparation technology of highly pure, fine, functional non-ferrous metals and compounds materials, engineering design of metallurgical process, physical chemistry of metallurgy, extracting technology of non-ferrous metals.

Institute of Biological Pharmacy and Functional Foods
The biological pharmacy and functional foods research institute is engaged in technical research projects in a wide field. The research of chemo synthesis of new fashioned medicament, pharmacy intermediate and it's productive engineering, biological pharmacy preparative technology, biological technology in environmental engineering, the microbial fermentation engineering and biological reactor study, the processing technique of food and hygienically food, the development of natural or natural product and the toxicity monitor and security estimation are carried on in this research institute. 5 scientific research projects supported by National Natural Science Foundation and many others research projects were accomplished in recent 5 years.

Institute of Applied Chemistry
We carry out theoretical and experimental studies of chemistry. In addition, we are responsible for the chemistry teaching for the students, including general chemistry, inorganic chemistry, organic chemistry, analytical chemistry, as well as fundamentals of modern chemistry.


Research interests: Molecular structures and the reactivity, Non-equilibrium solution theory, Instrumental analysis and Chemo/Biosensor, Natural medicine,
New-type inorganic and organic materials.

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Literae Humaniores

Administration Office:

(1) Name: Department of Humanities and Social Sciences Research, Sichuan University
(2) Director: Prof. Pan Xianyi; Vice-director: Gao Wei
(3) Tel: 86 28 85403006; 86 28 85405147; 86 28 85401826; 86 28 85461208
(4) Fax: 86 28 85405155
(5) Institutional division: Comprehensive Sector; Program Sector; Academic Results Sector
(6) Chief responsibilities

This department is in charge of administration of humanities and social sciences research work in Sichuan University. Responsibilities of the department are mainly as follows:

a) Organizing vertical and horizontal programs application;
b) Inspecting approved programs regularly;
c) Going through program ending procedure in due time;
d) Managing and supervising the usage of research funds;
e) Compiling and drawing up administration, awards and evaluation regulations;
f) Collecting and publishing research information;
g) Internet maintenance;
h) Research results statistics;
i) Organizing academic results awards evaluation and application.

Scientific research funds in the sector of humanities & social sciences

Annual scientific research funds, which averaged RMB ≈ 12.6 million before 1998, has been steadily increased since 1988. In 2002, the figure reached RMB ≈ 29.09 million. Especially horizontal funds (funds mainly from enterprises) has been greatly increased, which in 1998 totaled to RMB ≈ 200 million, while in 2002, reached RMB ≈ 890 million. The detail figures are as follows:
Scientific research programs in the sector of humanities & social sciences

Before 1998, vertical scientific research program averaged 7 annually, which individually increased to 13 in 2000, 14 in 2001 and 2002. These years, scientific research programs approved have kept a share of one-third in Sichuan Province, which offer our university a leading position in the province. The whole scientific research programs including horizontal ones averaged 20, while in 2002, the figure reached 450.

Scientific research results in the sector of humanities & social sciences

In the recent 5 years, we have got fruitful scientific research results. According to incomplete statistics, we have published about 600 monographs and 5,000 academic papers. Besides these, we have got over 100 appraised applied research results, submitted to related department 50 research reports.

We have also got brilliant results in scientific research results awards evaluation in Sichuan Province and Ministry of Education. In 1999, we participated in the first session of national funds programs evaluation, 5 scientific research results were awarded as “Excellent Program” by National Funds of Social Sciences, including professor Qin Xitai’s “The History of Chinese Daoism” (awarded as second class). The awarded programs shares more than 80 percent of the total in Sichuan Province. The quantity of awarded programs we got listed the fifth in all universities in China.

In the second session of scientific research program evaluation of Ministry of Education, 7 academic results were awarded as “excellent academic results”. Professor Qin Xitai’s “The History of Chinese Daoism” and Xiang Chu’s “Proofread of Wang Fan’s Poem” were awarded as first class.

In the eighth session of Sichuan provincial scientific research results awards evaluation, we got 33 awards, including 2 awards of first class (Professor Pan Xianyi’s “No words for great beauty—Daoism aesthetics category” and Professor Yang Jirui’s “Urban land price in China ”). The total number of awards shares one-third of our province.

Discipline points and key disciplines

Doctoral points of liberal arts in our university increased to 20 in 2002 from 8 in
Sichuan University

1998, and key disciplines increased to 4 in 2002 from 1 in 1998.

4 national key research base

(1) CENTER FOR TIBETAN STUDIES OF SICHUAN UNIVERSITY (CTS)

It is a newly founded important scientific research institution based on “history study base for qualified personnel cultivation and scientific research” which was permitted to set up by ministry of education.

CTS holds a professional research team, which has great synthetical research ability and broad external communication. And among them, there are 13 professors, 10 associate professors, and 6 Tibetan guys.

CTS mainly research Tibetan area in Tibet, Sichuan, Yunnan, Gansu and Qinghai. At present, it has three primary research aspects: actualities in Tibetan area, Tibetan history and its relation with Han nationality, archaeology and Tibetan art and culture. CTS just plans to open and establish 1-3 new research aspects in five years.

(2) INSTITUTE FOR POPULAR CHINESE CULTURE STUDIES, SICHUAN UNIVERSITY

It was set up in 1999. The director is Prof. Xiang Chu. The institute includes popular language research office, popular literature research office and popular faith research office, which hold 9 professional research personnel, including 5 professors and 5 part-time teachers.

In future five years, the institute plans to enforce the research of popular language and characters in medieval times and the research of popular literature in DunHuang, meanwhile, attaching more importance to popular faith research. The ultimate goal is making the institute the top-ranking research base for popular culture in the world.

(3) INSTITUTE OF CHINESE DAOISM AND RELIGIOUS CULTURE STUDIES

It was set up in 1980. It includes Daoism and Chinese traditional culture research center, religious theory and comparative religion research center, Daoist Aesthetics and aesthetic culture research center, and Daoist science and technology center, etc. Now it holds 14 professional research personnel, among whom there are 8 professors and 6 part-time research personnel, among whom there are 5 professors.

The institute mainly studies Chinese Daoism. And it also develops to research religious theory and contemporary religion, Chinese Buddhism, South-west
minority’s religions. In these fields, fruitful scientific research results have been achieved, which produces comprehensive effect in the international academic circles. And now, it has become an importance base to cultivate domestic high-class and professional guys and it also provide a chance for foreign scholars to study Chinese Daoism.

(4) THE INSTITUTE OF SOUTH ASIAN STUDIES, SICHUAN UNIVERSITY

It was founded in 1964. The institute includes South Asian economy development lab, South Asian military and safety lab, South Asian political society lab, South Asian and Chinese South-West development lab, etc. There are 3 research aspects, including South Asian economy development research, South Asian military research and South Asian political society research. Now it holds 12 professional research personnel, among whom there are 6 professors and 5 part-time research personnel, among whom there are 4 professors. The professional and young research team lay the firm foundation for the research of South Asian.
Sichuan University Library was found in 1896. It is the biggest university library with the largest amount of collection in Southwest China. It has three branch libraries including the Liberal Arts and Sciences Library, the Engineering Library and the Medical Library. A new modern library of 20000 square meters is under construction in Jiang'an Campus of Sichuan University, and expected to be completed and put into use in 2003.

The Library holds a collection of 4.7 million volumes. In addition, there are important databases and plenty of electronic resources. The total building area amounts to 37800 square meters, with more than 3900 seats and 30 special reading rooms. The well-equipped multimedia reading room can provide online searching services to 300 users simultaneously. The Library provides many kinds of services to users, which include reading, lending, audio-visual, interlibrary loan, document delivery, information retrieval and reference, novelty search, duplicating and binding etc.. The Library introduced over 30 domestic and foreign databases available for access 24 hours a day through campus network. The Library also offers course of Information Retrieval to graduates and undergraduates. It serves more than 1.8 million users annually.

Sichuan University Library is characterized by its multidisciplinary collection covering broad subjects of Humanities, Social Sciences, Science and Technology, Engineering,
and Biomedicine. Each branch library has its own characteristics in collection based on its traditional holdings and cooperative tasks on disciplinary literature collecting.

The Liberal Arts and Sciences Library has a collection of 2.7 million volumes, which is emphasized on Humanities, Social Sciences and Natural Science, but also covers subjects of Technology and Engineering. Its collection on Chinese ancient history, Chinese classical literature, classic Chinese philology, history of Chinese language, religion, local literature of Sichuan province, South Asian study, mathematics, biology and economics are especially notable. The Engineering Library has a collection of 1.2 million volumes emphasizing on Science and Technology. Its collection on energy, material, chemistry, chemical engineering, water conservancy are remarkable, and the most significant is that on polymer materials engineering and leather engineering. The Medical Library holds a collection of over 0.7 million volumes essentially on Medical Science, noted for its features being accord with “Biology-Psychology-Social Medicine Model”. The most distinctive is its holdings on dentistry, which occupies extraordinary position in China.

Sichuan University Library is the Information Center of Liberal Arts and the Southwest Management Center of CALIS (China Academic Library Information System) under the State Ministry of Education, as well as the Information Center For English Publications of UNESCO, the Southwest Medical Literatures Center under the Ministry of Public Health, the Scientific and Technical Project Novelty Search Center Station of Higher Learning granted by the State Ministry of Education, the Medical Project Novelty Search Center granted by the Ministry of Public Health. The Library provides information services to users through out the country, especially those from colleges and universities in West China. It has played important role in social and economic development of Southwest China. In addition, it is also the place where the Secretariat of Library and Information Commission of the Colleges and Universities of Sichuan, the Information Retrieval Commission of Sichuan Library Association, and the Medicine Committee located.
Sichuan University Museum (SUM) in 1951 came from the one of Western China University (founded in 1914). In her development of 90 years, SUM has over 40 thousands of cultural relics with several collections, which hold the hard-work & pains of the pre-intellectuals from Western China University and Sichuan University as well.

SUM, as the eldest one in Southwest China, is the only museum among the comprehensive universities in China’s higher education and also one with long history among the Chinese universities and colleges. The collection of relics in SUM covers ethnography, folklore, Chinese traditional painting arts, ceramist, bronze wares, old numismatics, seals, embroidery, and some foreign relics etc.

SUM holds an area of nearly 2000 M2 for exhibition, which in recent decade has received over several ten thousands of tourists of all kinds. The work and the collection of the museum has been highly appreciated by experts and scholars at home and abroad. SUM has been known in the world and is the window of Sichuan University for the academic exchange and communication with significance.

The display area of 2000 M2 covers 7 parts: the stone-carving art, the folklore wares, Art of nationalities, Daoism Culture, Art of earlier Sangxingdui, pottery art, and paintings. At the same time, SUM has successfully developed her Digital Museum of Humanities (Add. now: http://202.115.40.18:82/dm/). All the efforts...
Sichuan University gains the full exhibition of the excerpt of SUM collection, and have greatly raised the rate for display and value in use.

SUM is directed by Mr. HUO Wei, professor of history and her branches are SUM Office, Reception branch, Custodian branch, Mechanism one, D & R, Library with a faculty of 16.

Recently, the new site of SUM has been completed and SUM faces a new stage in her development. The condition for relics display has been improved, and the environment has been got better and better, which would encourage all the faculty member of SUM to make much more effort for the construction of the SUM to be the well-known base in teaching, coaching and experiments of Sichuan University.

Welcome to Sichuan University Museum!
On the morning of August 26, the president of our university Xie Heping academician met with Professor Gretchen Kalonji, the Chairman of International Faculty Council of University of Washington in administrative building. During the meeting, president Xie briefly reviewed the exchange program between University of Washington and Sichuan University, and showed his thanks to Miss Kalonji for her hard work in the program. Professor Kalonji also mentioned the exchange program between the two universities, and gave a detailed introduction on “The Creative Talents Training Program between Sichuan University and University of Washington.”
"began in the year 2000. The program has finished the first period. 31 American students returned to University of Washington and 28 students of our university returned to China on July 13, too. Professor Xie also emphasized if Sichuan university wants to become a member of international higher education system, we must cooperate with the first-class university all over the world and carry out multi-form school-running program. Carrying out this program will set an good example for the internationalization of China’s higher education.

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Students sent abroad by the university for Master Program arrived safe and sound.

Long-term foreign teachers gradually arrived and visiting experts continue to rise.

Professor of SCU Awarded National Teaching Prize for Great Teacher

Professor Yi Dan Awarded the Best Playwright of “Feitian Prize”

Graduate Academic Exchange Program between Hong Kong Universities and SCU

The Opening Ceremony of the Exploratory Search Team across Taiwan Straits

The Officials of SQA Visiting SCU
Students sent abroad by the university for Master Program arrived safe and sound.

In answer to the summon of constructing a national first-class and word-famous university, and to activate the students to participate in cross-cultural study, the Foreign Affairs Office enthusiastically expands cooperation channels and joint-course programs with universities abroad. In recent years, it has successfully signed exchange and cooperation agreements on behalf of the university with its overseas counterparts, such as: University of Washington, Vrije Universiteit, Liden University, Arson Industry University, University of Bradford. Students sent this year under the agreements with Vrije Universiteit, University of Bradford and Osaka International University have all arrived their termini.
Long-term foreign teachers gradually arrived and visiting experts continue to rise.

A total of 31 foreign teachers engaged by the university this year have all gradually arrived. They come from England, the United States, Japan, Russia, and France and will teach in College of Foreign Languages, Intensive Language Training Center, Graduate School, College of Business Administration and College of Software Engineering. With the release of the warning, foreign experts who postponed their lectures and co-research projects by SARS early this year, are coming to the university in an increasing number.
The Ministry of Education has recently publicized the result of the First National Teaching Prize for Great Teacher among colleges and universities. Professor Cao Guangfu from School of Mathematics, and professor Ouyang Qin from School of Clinical Medicine was awarded for their excellent performance in their teaching practice.

To further encourage prominent professor returning classroom and reconstructing first-class curriculum, the Ministry of Education reaches a decision to establish the National Teaching Prize for Great Teacher among colleges and universities from 2003 and chooses 100 outstanding teachers through public appraisal for commendation. In Sichuan province, 5 teachers were awarded this year, 2 from Sichuan University, the other three from University of Electronic Science and Technology of China, South-west Jiaotong University and Chengdu University of Traditional Chinese Medicine.
Professor Yi Dan Awarded the Best Playwright of Feitian Prize

On the evening of August 26, 2003, the awarding ceremony of the National Annually “Feitian Prize” for Teleplay was held in Beijing. Professor Yi Dan from School of Literature and Journalism of SCU is rewarded as the best playwright of the 23rd “Feitian Prize” for his television drama named Silent Pledge. Authorized by the State Administration of Radio, Film and Television, “Feitian Prize” is the national topmost prize for teleplays and it was held by China Central Television, China Teleplay Committee, and China Television Society.
On the afternoon of September 9, a graduate academic exchange program between Hong Kong and Sichuan University was held in the building of Industrial and Commercial Administration of SCU. The representative team, consisting of representatives from Hong Kong University, Hong Kong Polytechnic University, City University of Hong Kong, and representatives of graduates of Sichuan University participate the academic exchange program.

The topic of the academic exchange discussion is how to make full use of the natural, economic and cultural resources of Hong Kong and Sichuan so as to boost mutual cooperation between Hong Kong and Mainland China in the field of economic development, medicine research and development, science, education and tourism under the background of the West Development.
The Opening Ceremony of the Exploratory Search Team across Taiwan Straits

On the evening of August 29, the opening ceremony of “Western China’s the 5th exploratory Search Team on Learning and Studying the Ecology and Humanities Participated by Prominent Students across Taiwan Straits” was held in the hotel of Quanxin Mansion by Sichuan University (SCU). About 100 people, including the vice-president of Sichan University, professor Zhang Zhaoda, the supervisor of China Youth Exchange Association, Mr. Wang Xizhang, the related leader of International Office and Students Affairs Department of SCU, and other associated tutors and representatives of students present the ceremony.

The director of International Office of SCU, professor Yan Shijing presided over the opening ceremony. And the vice-president Zhang Zhaoda delivered the opening speech. 22 students from 7 Western China universities including Sichuan University and Chongqin University, 20 students from 18 Universities in Taiwan including National Taiwan University, National Chiao Tung University, National Tsinghua University, and 16 tutors and staffs take part in this program. Since 1996, Sichuan University has held 5 exchange programs between Taiwan and Mainland China. This is the 6th exchange program across Taiwan straits, and also the 5th young students’ exchange program centered on the topic of western China’s ecology and humane studies. The exploratory search will involve in the scientific exploration of the natural heritage in Jiuzhaigou, Huanglong, Wolong and the cultural remains in Dujiangyan, Dufu Cottage, Wuhou Temple.

International Office and Office of Hongkong, Macao and Taiwan

Sep. 1, 2003
The officials of Scottish Qualifications Authority (SQA) visited Sichuan University in August 27 and 28. Led by the general manager of the National Higher Academic Credentials and the general divisional manager of the Vocational Qualifications Certificates, Neil Robertson, and the manager for international project, More Mike, the officials aim at promoting the exchange and cooperation of higher education between Scotland and Sichuan University. Mr. Robertson gives a brief introduction of SQA to SCU and his hope for strengthening cooperation with SCU. The director of International Office of SCU, professor Yan Shijing, and the president of School of Adult Education, Deng Shengqing also introduce the cooperation and achievement between the 2 sides.

International Office
Aug. 29, 2003
Overseas Experts Depart.

Overseas students dorm
Living Service

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At present, there are 50-odd students' associations in our university, which include four types: academic science, literature & arts, social practice and athletics. More than 20000 students take part in the league activities, who account for one third of the whole students in this university. Our league activities take both a precedent position in scope and number in the congeneric universities of China. They exert a very important part in the collage cultural construction. Our leagues develop a rather complete system in organization. The “Leagues Union of Sichuan University” is a good example, which includes presidium, office, theory research department, organizational department, propaganda & editorial department, supervision department, nongorvenmental union and internet department. And the “Regulation of management for leagues in Sichuan University”, the “Regulation of management for Leagues Union in Sichuan University”, the “Rules of judgement for ‘10 As’, ‘stars’ of leagues in Sichuan University” etc, which are all formulated under the guide of the committee of league. The daily work of various leagues becomes in order with the help of these regulations.

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<th>Shadowboxing Association</th>
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### Foreign Experts

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<td>1.Salary</td>
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### Remarks

1. Salary
2. Lodging
3. Travel allowance
4. Others

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