



SJZU  
 沈阳建筑大学

# SHENYANG 沈阳建筑大学 JIANZHU UNIVERSITY



Address: No. 9 Hunnan E Road, Hunnan District  
 Shenyang city, Liaoning Province, P.R. China 110168  
 Tel: 86-24-24694693 Fax: 86-24-24692696  
 E-mail: wbsjzu@163.com www.sjzu.edu.cn

博學善建  
厚德大成





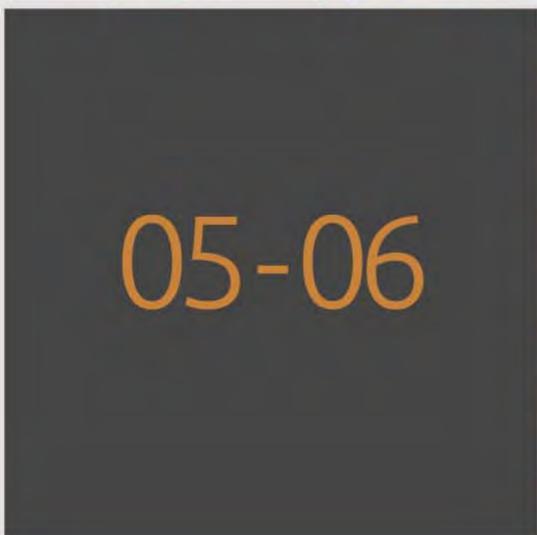
Shenyang Jianzhu University (SJZU) is the only comprehensive university in Liaoning province to place academic priority on civil engineering and architecture, while incorporating additional disciplines among engineering sciences, arts, administration, natural sciences, and law. The campus has been planned around the core concept of integrating the human existence with surrounding nature. It boasts a total area of 1 million square meters; 440,000 of which are building space. A 756-meter-long corridor, which has been proclaimed as the longest in Asia, connects the functional areas of classrooms, laboratories, residential and administration spaces, providing continuity and the ability to move between areas while staying indoors. Throughout its 17 colleges, SJZU has 1400 faculty members, including nearly 400 professors and associated professors. SJZU's current enrollment consists of 16,000 undergraduate, postgraduate and international students. Over the last decade, SJZU's graduate placement rate consistently ranked among the top universities in Liaoning province. Majors such as civil engineering, architecture, and mechanical engineering in SJZU are considered as a critical field with special advantages. SJZU also boasts 11 provincial-level major fields of study, 16 provincial-level key laboratories and 6 provincial-level engineering and technological research centers.

Over the past five years, SJZU has been awarded 2255 scientific and technological research projects, as well as a total of RMB 554 million in grants and funds for research work. Many of the aforementioned research projects have won national or provincial awards including 4 national level "Scientific and Technological Progress/Invention Awards". Since 2004, SYJZ students have been awarded over 100 patents annually, which have maintained a first-place ranking among universities in Liaoning province. In 2005 and 2008,

SYJZ was twice awarded the national title of "Outstanding Higher Education Research Institution". SJZU library has a rich collection of 1.22 million volumes. The Journal of SJZU (Natural Sciences) was awarded the first prize for excellent scientific and technical journals in China by the Ministry of Education.

SJZU has been enrolling international students since 1956, and each year receives about 200 foreign students who come from countries as diverse as South Korea, Germany, Russia, Pakistan, the USA, the UK, Romania, Brazil, the Netherlands, the DPRK, India, Mongolia, and the Philippines. SJZU has established friendly relationships with more than 60 universities in more than 40 countries around the world, and continues to strengthen its connections with foreign universities on a global scale. In 2012, a Confucius Institute was mutually founded by Transylvania University of Brasov, Romania and SJZU. In the same year,

For more information please visit: [www.syzu.edu.cn](http://www.syzu.edu.cn)



SJZU places great emphasis on academic program development and emphasizes reform and innovation. SJZU offers a platform and scientific plans for our prospective students, and constantly enhances the standards. In 2009, standing out from the 17 applicants in Liaoning province, SJZU passed the medium-term accreditation audit. In addition, three primary academic disciplines, including architecture, civil engineering, and mechanical engineering have been listed in the Liaoning Province primary discipline plan. Materials science as a secondary discipline has been listed in the outstanding program plan.

### 01 “Academic program development to enhance core competitiveness” in Liaoning Province

Primary Key Disciplines: Civil Engineering    Urban Planning  
 Architecture    Landscape Architecture  
 Mechanical Engineering

### 02 Key Disciplines

After years of construction and development, SJZU has formed the key discipline system with distinctive features and highlighted advantages. There are 11 provincial and ministerial key disciplines.

Category	Key discipline	Approved by
Key discipline of the Ministry of construction	Structure Engineering Municipal Engineering Materials Science Machinery Production and Automation Control Theories and Engineering	Former State Ministry of Construction
Key(cultivation) discipline of Liaoning Province	Architectural Design and Theory Structure Engineering Machinery Production and Automation Materials Science Urban Planning and Design Municipal Engineering	Department of Education of Liaoning Province



## 03 Degree System

SJZU currently has one jointly-offered Ph.D program, 5 top-level approved Ph.D degree programs, 15 top-level master degree disciplines, including 8 in engineering fields and some in arts and other science-related fields. All of these combined form a complete degree system.

### Ph. D Degree Programs

Degree Category	Code and name	Discipline Code	Discipline Name	Secondary Discipline Code	Secondary Discipline Name		
Doctoral Degree Program (joint training)	08 Engineering	0814	Civil Engineering	081402	Building Structure Engineering		
Approved pending Ph.D degree primary Ph.D.Degree academic discipline	08 Engineering	0814	Civil Engineering	081401	Geotechnical Engineering		
				081402	Building Structure Engineering		
				081403	Municipal Engineering		
				081404	Heating, Gas Supply, Ventialating and Air Conditionary Engineering		
				081405	Disaster Prevention and Reduction Engineering and Protecting Engineering		
				081406	Bridge and Tunnel Engineering		
				Independent setting	Civil Engineering Survey		
				0813	Architecture	081301	Architectural History and Theory
						081302	Architectural Design and Theory
						081303	City Planning and Design
		081304	Architectural Science and Technology				
		0802	Mechanical Engineering	080201	Machinery Production and Automation		
				080202	Machanical Engineering		
				080203	Machanical Design and Theory		
				080204	Vehicular Engineering		
		0833	Urban Planning	New academic discipline, N/A Secondary Discipline			
		0834	Landscape Architecture	New academic discipline, N/A Secondary Discipline			

### Master Degree Programs

Degree Category	Code and name	Discipline Code	Discipline Name	Secondary Discipline Code	Secondary Discipline Name
Primary Masters Degree Academic Discipline	03Law	0305	Marxist theory	030501	Basic Principle of Marxism
				030502	History of Marxism
				030503	Research on Marxism in China
				030504	Research on Marxism Abroad
				030505	Ideological and Political Edication
				030506	A Study of the Basic Issue of Modern History of China
	08 Engineering	0801	Machanics	080101	General and Fundamental Mechanics
				080102	Solid Mechanics
				080103	Hydromechanics
				080104	Engineering Mechanics
		0805	Materials Science and Engineering	080501	Materials Physics and Chemistry
				080502	Materials Science
				080503	Material Processing Engineering
		0811	Controlling Science and Engineering	081101	Control Theories and Engineering
				081102	Detecting Technology and Automation
				081103	System Engineering
				081104	Pattern Recognition and Intelligent Systems
				081105	Navigation, Guidance and Control
		0812	Computer Science and Technology	081201	Computer System Organization
				081202	Computer Software and Theory
				081203	Technology and Computer Application
		0823	Traffic and Transportation Engineering	082301	Road ans Railway Engineering
				082302	Traffic Information Engineering and Controlling
				082303	Transportation Planning and Management
				082304	Vehicle Operation Engineering
		0830	Environmental Science and Engineering	080301	Environmental Science
				083002	Environmental Engineering
				Independent setting	Energy and Environmental Engineering
				Independent setting	Urban Water Resources
		0835	Software Engineering	New academic discipline, N/A Secondary Discipline	
12Administration	1201	Administration Science and Engineering	N/A Sroncdary and Primary academic disciplines		
12Art	1305	Design Science	New academic discipline, N/A Secondary Discipline		

## Professional Degree Programs

Degree level	Degree category code	Degree category
Master Degree	085100	Master of Architecture
	085300	Master of Urban Planning
	085201	Master of Engineering (Mechanical Engineering)
	085204	Master of Engineering (Materials Engineering)
	085210	Master of Engineering (Controls Engineering)
	085211	Master of Engineering (Computer Technology)
	085213	Master of Engineering (Architecture and Civil Engineering)
	085222	Master of Engineering (Traffic and Transportation Engineering)
	085229	Master of Engineering (Environmental Engineering)
Bachelor Degree	085237	Master of Engineering (Industrial Design Engineering)
	085100	Bachelor of Architecture

## Bachelor Degree Programs

Course code	Course name	Course code	Course name	Course code	Course name
080701	Architecture	080702	Urban Planning	090401	Landscape Gardening
071402	Architecture and Ecology	080708W	Landscape architectural design	080716S	Architecture Energy-saving Technology and Engineering
080703	Civil Engineering	071101	Theoretical and Applied Mechanics	080901	Surveying and Mapping Engineering
081002	Safety Engineering	080701	Building Environment and Equipment Engineering	080705	Water Supply and Sewerage Engineering
081001	Environmental Engineering	080601	Electrical Engineering and Automation	080602	Automation
080604	Telecommunication Engineering	080605	Computer Science and Technology	080712S	Electrical and intelligent Architecture
110102	Information Management and information System	080301	Machine Design Manufacturing and Automation	081201	Traffic and Transportation
081207W	Logistics Engineering	080313S	Machine Engineering	080203	Inorganic Nonmetallic Materials Engineering
080204	Polymer Material and Engineering	071302	Material Chemistry	080215S	Functional Material
110104	Project Management	110304	Land Resources Management	110106W	Administration and management of real estate
110105W	Project Cost	110308W	City Management	070102	Information and Computing Science
110203	Accounting	110205	Human Resources Management	110201	Business Administration
030101	Law	050201	English	050408	Artistic Designing
050303	Advertising	080303	Industrial Design	050418	Animation

## 04 Laboratories

SJZU has 17 provincial and ministerial key laboratories and 6 provincial engineering technology research centers. These facilities serve as platforms for academic local industry and local economic construction.

Category	Name	Approved by
Key Laboratory of the Ministry of Construction	Architecture and Ecology Physical Technology Laboratory Structural Engineering Laboratory Mechateonic Engineering Laboratory Materials Examination and Analysis Technology Laboratory Architecture Intelligent Technologies and Systems Laboratory	Former State Ministry of Construction
Key Laboratory of Liaoning Province	Architecture and Ecology Physical Technology and Assessment Architecture Structural Engineering Spindle System of NC Machine Tool Architecture Energy Conservation and Indoor Environmental Control Drinking Water Safety Control Urban and Rural Planning and Information Technology and The Ecological Warning New Building Materials Preparation Technology	Science and Technology Bureau of Liaoning Province
Colleges and Universities Key Laboratory of Liaoning province	Structural Engineering Mechateonic Engineering Urban and Environmental Engineering Experimental Research center Preparation and Testing Technology of New-type Architectural Materials Ground and Road Engineering	Department of Education of Liaoning Province
Engineering Technology Research Center of Liaoning Province	Modern Architectural Industry Urban and Region Ecological Construction and Control Architecture Energy Conservation and Indoor Environmental Control New Building Materials Preparation and processing CNC Machine for Special shaped Stone Working Allotype High Architectural Engineering Equipment	Science and Technology Bureau of Liaoning Province

# 11-12

Full-time teachers 832 Professors 168 Professors with Ph.D 262 Formal Instructors 21 Joint Instructors 27



## 01 National Level Teaching Team

Mechanical Design and Manufacturing Teaching Team  
Civil Engineering Materials Teaching Team  
Engineering Management Teaching Team

## 02 Innovative Team of State Education Ministry, Called "PCSIRT"

Innovative team for NC machine main-spindle systems

## 03 Liaoning Province College Teaching Team

NC machine innovation Team of Main-Spindle System  
Liaoning Province Higher Education Teaching Team  
Structural Engineering Research Institute Teaching Team  
Civil Engineering Material Teaching Team  
Engineering Management Teaching Team  
Mechanical Design and Manufacturing Serial Courses Teaching Team  
Geotechnical Engineering Serial Courses Teaching Team  
Facilities Electrical Intelligent Teaching Team  
Steel Structure Course Teaching Team  
Water Supply Drainage Engineering Teaching Team

## 04 Liaoning Provincial University Innovative team

Engineering ceramics spare parts processing and manufacturing techniques  
Urban renewal and architectural reform in the old Industrial base of the northeastern region  
The application of urban building wastes in walling materials



13-14



CampusLife



### 01 OVERVIEW

Our campus is the foreground of the future.

Our campus is always in motion. Our students have started and participate in more than 128 clubs; run organizations and are deeply involved with the community.

Our renowned faculty not only teaches, but also makes discoveries and develops new innovations. Their innovative research and expertise guide policy makers and news media coverage all over the country.

Our campus is always in motion.



15-16



## 02 VALUES

What are the core values of SJZU?

What's the motivation, the catalyst, the drive to challenge the status quo?

Hard work, creativity, patriotism, and service of the people together represent our ethical standards. Erudition, skill in construction and persuing of virtue and success together reflect the founding principles of SJZU. These values welcome incoming students, unite the campus and project SJZU's magnanimous image outward. They commit to maintaining an open and inclusive environment that nurtures the growth and development of the SJZU community. They represent not only what is expected of SJZU students on campus but also provide a blueprint for how the SJZU community positively impacts the country.





# 17-18

## 03 CAMPUS FACILITIES

### Housing

SJZU provides fully-managed accommodation at a number of dormitories on campus. You will have access to campus facilities such as cafeterias, a swimming pool, laundry, convenience stores and 24-hour security coverage. Dormitories feature 2,3,4 or 5 beds with select rooms having access to microwaves and common areas. Public telephone service, cable TV, and hot-water are also available.

### Dining Halls

Popularly considered the best places to eat in and around SJZU, our 3 dining halls, 4 coffee shops and many different small restaurants serve a wide range of northern and southern Chinese food. They are located among dormitories and on different parts of the campus, and are all available to students. The dining halls are open from 6:30 AM to 7:30 PM.

### Social Space

We believe that it is important to maintain a healthy balance between study and leisure. The social space located on the ground floor in teaching areas is for you and your friends to relax, socialize and mingle. In support of the idea of fun and relaxation, the facilities are painted in bright colors and designed to be spacious and well-equipped to cater to a wide range of indoor and outdoor games. During leisure, you can enjoy a game of table-tennis, tennis, football, basketball, or badminton; do aerobics times or go swimming in recreation and sports complex.

Lessphysically demanding pursuits include chess and other board games. A satellite TV in the facility is very popular for students who are keen on watching sports.

### Library

Our library is a gateway to a comprehensive collection of books, journals, periodicals and other related publications that supports learning and research for all students and staff. In addition, students also have access to our online library. The library has computer facilities and a photocopying facility. It is usually open from Monday to Sunday, from 7:00AM to 10:00PM.

### Commercial Street

The commercial street sells computer disks, telephone cards, stationery items, cold drinks, bento, chocolates and various other merchandises to students and staff. A plethora of publications, periodicals and newspapers are also available for sale. Located next to Iron-Stone Square, the facility is open until 10:00PM.



# 19-20

## 04 SJZU LIFESTYLE

SJZU is a cultural corridor, with limitless experiences and opportunities.

Meeting new people is one of the most interesting things about being here, and there are lots of opportunities to interact with your fellow students. The school Youth League Committee organizes events and extra-curricular activities, and cultural and festival events.

For international students, these events are frequently organized to familiarize students with life at SJZU and in Shenyang city. This also includes cultural exchange activities.

You can also take part in our various clubs tailored to a wide range of interests.

## 05 CLUBS, ORGANIZATIONS & RECREATION

There are outlets for many interests at SJZU

With more than 128 clubs, which include sports, academic, and recreational clubs, SJZU is a sea of culture and activity. The majority of our students fill their schedules to capacity. They are influential figures at the Culture and Recreational Center, and leaders at the university student union and in clubs. They are intramural basketball players. They're active in campus life and coordinators on the Campus Events Commission. They're writers for the school newspaper and deejays at SJZU Radio. And when they're not engaged in extracurricular activities, there's an array of campus stores and restaurants for shopping and dining. Whatever you're into, chances are you will find it here.



# 21-22

## 01 Research Payoffs

SJZU is people's livelihood science development, local economic construction and social development needs-oriented, and insists on supporting by service, developing by construction, and building foundation base from intellectual support and technical service of Three Constructions and Four Industries, which are engineering construction, urban construction, village construction and construction industry, real estate industry, survey design consultation industry, and municipal public utilities industry, so as to constantly improve science innovation and operation system, reform management mode, and improve scientific research strength rapidly.

SJZU has been awarded:

The Second Prize for National Technological Innovation:

High-speed NC machine tool ceramic electric spindle unit 2010

The Second Prize for National Scientific and Technological Progress:

High precision hot precision silicon nitride ceramic ball bearings 2005

Building multi-dimensional seismic analysis and vibration control 2007

Structural incident control technology and engineering application 2010



# 23-24

SJZU is undertaking 1030 various research projects with a total research budget of nearly RMB 200 million, among which 367 are NSFC, "863", and national and state council projects like the State Science and Technology Support Plan; Housing and Urban-Rural Development Ministry projects, 480 scientific research projects are entrusted by enterprises and public institutions. SJZU focuses on integration of teaching, scientific research and the production sets up 33 teaching, scientific research, and production bases in Liaoning enterprises and public institutions and network for scientific research, achievements transformation and science service.



## 02 Research Strength

Total projects	1030	NSFC	32
Total research funds	¥1,908.5million	National defense research	2
863 projects	1	Housing Urban-Rural Development Ministry projects	161
State Science and Technology	58	National and council projects	113



# 25-26

## 01 International Cooperation

CP Secretary General of SJZU Mr. Wu yuhou and President Shi tiemao participated in Sino-Germany Energy Saving Project Starting Ceremony



US Consulate General (Shenyang) joined SJZU the 11th Planting Festival



## 02 International Cooperation

SJZU CPC Secretary General Wu yuhou Joined US Consulate General (Shenyang) Cocktail Party



Donald Hackle, the 63rd president of the American Institute of Architects, was invited to be a guest professor of SJZU

Alejandra Gosciniak, Parliament President of Silesia, Poland, visited SJZU



# 27-28

German Foreign Minister Guido Westerwelle, German Former Ambassador Michael Schaefer, Liaoning Governor Chen zhenggao, Shenyang City Mayor Chen haibo, SJZU CPC Secretary General Wu yuhou, SJZU President Shi tiemao attended the Sino-German Energy Conservation Demonstration Project exhibition



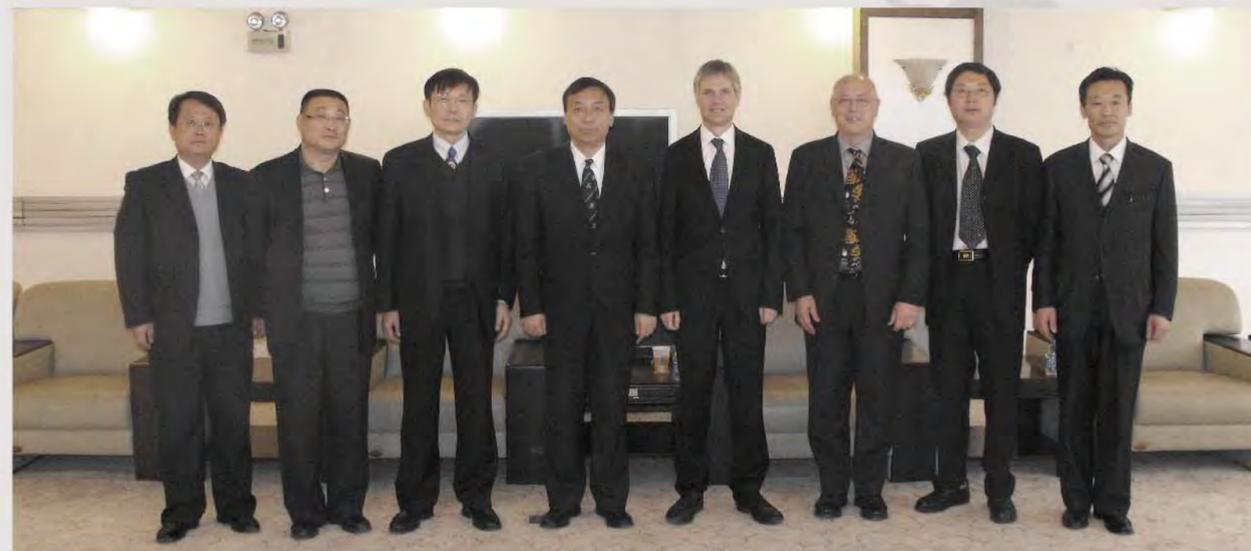
# 29-30

## 03 International Cooperation

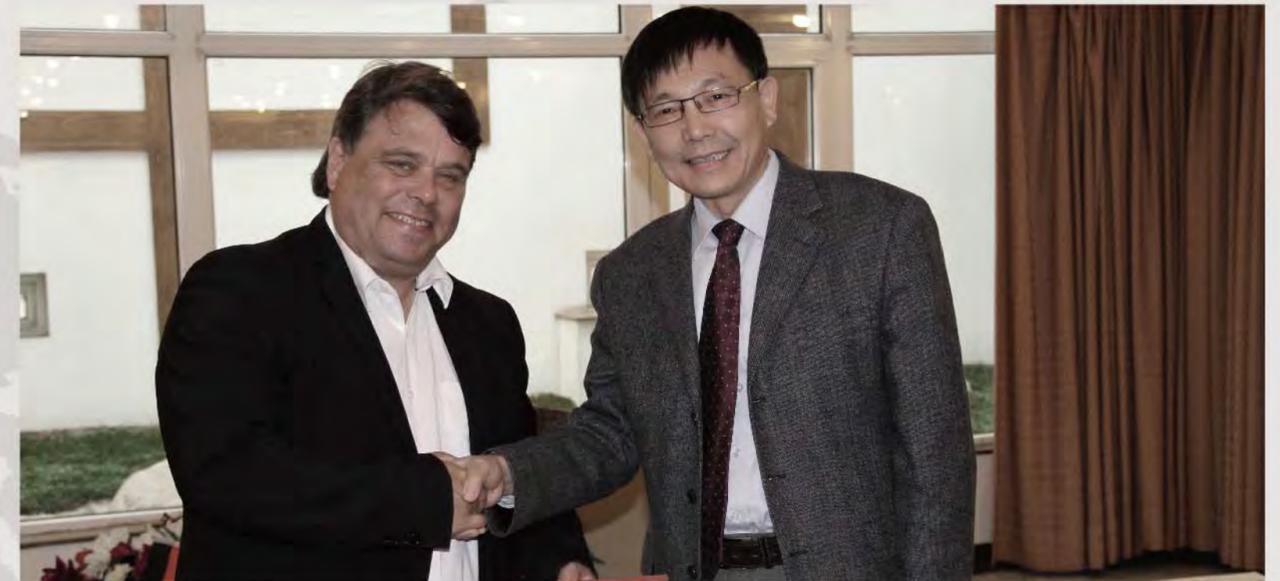
Sino-Deutch Passive Energy Conservation Demonstration Project Stone-Laying Ceremony



SJZU and Aberystwyth (UK) Computer 3.5+1.5 Program



Wismar Univ.(Germany) President Wollensak is awarded Honored SJZU Professor by SJZU President Shi tiemao



President Shi tiemao visited Wismar University(Germany) and met all SJZU students there



# 31-32

## 04 International Cooperation

SJZU – Russian Rostov State University of Civil Engineering 3+2 Program



SJZU-Benedictine(USA) Joint Master program in MIS



## 05 International Cooperation

President of SJZU Mr. Shi tiemao met Chinese ambassador in Romania Ms Huo yuzhen



SJZU and Romanian Transilvania University, Confucius Institute "Chinese Competition"



Sino-New Zealand Architecture 4+1.5 Joint Program



# 35-36

06 International Cooperation  
State International Student Scholarship



“2+2” Bachelor and Master program between SJZU and UM (University of Miami)



## Cooperative Agreement

Between the  
Shenyang Jianzhu University, China  
And the  
University of Miami, USA

### Information of the collaborative parties:

Party A: Shenyang Jianzhu University (SJZU)  
Address: No. 9, Hunnan east road, Hunnan new district, Shenyang, Liaoning, China

Party B: University of Miami (UM)  
Address: Coral Gables, Florida, USA

