



浙江大学 机械工程学院  
College of Mechanical Engineering, Zhejiang University

# Handbook of Graduate Students (for International Student)

[ 2016 ]

## A Message from the Dean



**Yang Huayong**

Academician of Chinese Academy of Engineering  
Dean of College of Mechanical Engineering Zhejiang University

The past century has witnessed the excellence and glory of the College of Mechanical Engineering Zhejiang University. Originating as the Section of Mechanical Engineering, Zhejiang Secondary Academy of Industry (predecessor of Institute of Technology Zhejiang University) founded in 1911, the College was the earliest institution engaged in mechanical engineering education and research in China. In its history of 105 years, generations after generations at the College have blazed the trail and always stood on the frontline of cutting-edge science and technology and industrial production, making irreplaceable contributions to China's national security and economic development.

Today, we welcome you to this academic sanctuary, where you will share the academic glory of the College with your predecessors. I hope that you will be open-minded and inclusive, absorbing knowledge extensively in a wonderful truth-seeking environment and expanding your horizontal intellectually; that you will uphold the spirit

“pioneering and leading” and “truth-seeking and innovating” and achieve excellent accomplishments in research; that you will, by being patriotic, combine your personal growth with national rejuvenation and be focused on the academic frontier and major national strategic requirements. I am confident that you will carry on the cause of science and technology in mechanical engineering and bring more glory to the College!

“Though the road ahead is long and rough, we will make relentless efforts in our pursuit', as goes the verse by Qu Yuan the Chinese patriotic poet. By upholding our University motto “pursuing the truth” and College motto “solidarity, practicality, and innovation” , the College will accelerate the development of its world-class programs in a bid to contribute to the transition of China from a large manufacturing country into a strong manufacturing country.

A handwritten signature in black ink, appearing to read "阳华勇" (Yang Huayong) in Chinese characters.



## Content

Foreword .....	2
College Profile.....	2
Status Management.....	4
Regulations on Management of International Graduate Student Status .....	4
Cultivation Process .....	9
Cultivation matters list of postgraduate student .....	9
Cultivation matters list of doctoral student .....	10
Courses.....	11
Curriculum system setting for postgraduate students (Master of Science Degree) .....	12
Curriculum system setting for postgraduate students (doctor).....	13
Introduction to the key postgraduate course construction.....	14
Online course selection process .....	15
Reading Reports .....	16
Requirements of Postgraduate Reading Report and Online Entry Process ..	17
Thesis/Dissertation Report.....	18
Requirements and Relevant Process of Postgraduate Thesis Proposal .....	19
Degree application flow chart.....	20
Thesis review and defense flow chart .....	21
Frequently Asked Questions .....	22
Service Information .....	26
Related departments of the university.....	26
Important Numbers .....	27
On Network Use on Zhejiang University Campuses .....	28
Library Service Hours and Schedule.....	28
Campus Medical Service Time and Arrangement .....	29
Application for Campus Parking Permit .....	29
Tel for Campus Card Service .....	29
List of Doctoral Advisor .....	30

## Foreword

Dear students,

Welcome to School of Mechanical Engineering, Zhejiang University to begin a higher level of learning and research. For students who choose School of Mechanical Engineering, Zhejiang University for graduate studies, we hope you can clear your goals, stick to your faith, and think carefully the two typical questions put forward by the late president Zhu Kezhen. We often also ask ourselves these two questions in our daily life. What the School of Mechanical Engineering can bring to the students? What kind of person will be cultivated through the study and scientific research training in the School? Therefore, the School of Mechanical Engineering will try to create a good learning environment and provide necessary support to you, so you can study more pleasantly and smoothly and gain a better future.

Accordingly, after taking the whole stage of training graduate and doctoral students into consideration and classifying the important matters, matters needing to be handled frequently, and matters with complicate handling process in school roll, training, process management, degree, graduation and other aspects, we have compiled the " Graduate Student Handbook for School of Mechanical Engineering, Zhejiang University " and hope it can guide your upcoming study and life. This Handbook is divided into nine chapters, including Freshman Guidance, Enrollment Management, Graduate Education, Process Management, Financial Assistance and Scholarships for Graduate Students and Student Activities, Degree Application, Graduating and Leaving School, Training of Foreign Students, and Service Guide.

In addition , you can download " International Student Handbook of Zhejiang University (for graduate students) " English version in this Address: : <http://iczu.zju.edu.cn/attachmen ts/2015-12/01-1450305168-7326.pdf>.It describes many regulations of InternationalStudents (graduate students) in detail, which include registration, physical examination,residence permits and visa, self - financed international students ' pay andrefund, teaching management rules, regulations and discipline,security regulations,accommodation management discipline, school leaves, the annual review ofscholarships, insurance, medical treatment and other matters.

However, this Handbook doesn ' t cover all the content to be known by all graduate students in the learning process, you should often visit the following websites to carefully check important resources and the latest notices:

Graduate school website: <http://grs.zju.edu.cn>. You should carefully read the content on the top left of home page, especially the content in " Scholarship and Various Subsidizes " , " Training Process and Management " , and " Degree Application and Specification " is closely related to your study and life, please first refer to these files in case of any questions. The " Service Guide " in " Service Hall " at the bottom of the page explains the handling process of all affairs briefly and clearly and plays an important guide role to students; " All Certificates " introduces the detailed enrollment management guidance for graduate students; " Download Zone " is a collection of all forms, which can be searched and downloaded directly.

School of Mechanical Engineering website: <http://me.zju.edu.cn/>. The system will automatically identify the IP address. If you enter the url through ports of Zhejiang University, you can access the intranet directly; otherwise, you will enter the public network (mainly for promotion and display) and you shall log in through RVPN and enter the website before accessing the intranet. All important notices

are usually published on the “Latest Notice” or “Graduate Student” in intranet, please pay close attention to it.

Comprehensive service network of Zhejiang University: <http://www.zju.edu.cn/zjfw/>. Same with other websites of School of Mechanical Engineering, if you access the website from extranet, you should log in through RVPN. This website covers all important notices about education and teaching, scientific research, academic report and so on, as well as such common applications as Zhejiang University pass, bus query, library, electronic leaving form, and integrated financial platform. Please pay attention to “Service Hall” for the handling process and instructions of all affairs.

Due to our limited capability, there are many insufficiencies in the Handbook, we welcome your valuable opinions and suggestions. At the same time, we hope that after reading the Graduate Student Handbook, you have a more comprehensive understanding of the graduate education in School of Mechanical Engineering, so you can actively plan your study career, participate in various activities of the School, keep up with the development of the times, give full play to your internal energy, overall improve your comprehensive quality, and eventually become an outstanding talent to the society. We will be proud of you!



## College Profile

College of Mechanical Engineering, Zhejiang University was founded in 1911 and was one of the earliest important organizations engaged in the mechanical engineering scientific research and talent training in China. Over the past 105 years, we have cultivated a group of outstanding engineering scientists, educators and industrial leaders represented by Academician Lu Yongxiang, Lin Junde and Xu Yangsheng as well as 18500 highly qualified talents. Also, we have built a high-level and highly capable teaches team with Lu Yongxiang as the academic discipline leader and Tan Jianrong and Yang Huayong as the academic leader, to make outstanding contributions to higher education and scientific research for Chinese mechanical engineering.

In the long history of more than one hundred years, through continued efforts of generations of College of Mechanical Engineering, Zhejiang University, the College has set up national key disciplines of mechanical engineering, postdoctoral research station of mechanical engineering, authorization doctoral station of first-level disciplines of mechanical engineering, mechanical and electrical engineering, mechanical design and theory, mechanical manufacturing and automation, vehicle engineering, authorization doctoral station and master station of second-level disciplines of industrial engineering, and three undergraduate programs (mechanical and electrical engineering, mechanical engineering and automation, and industrial engineering). The mechanical and electrical engineering and mechanical engineering and automation are two national characteristic majors. In 2006, the major mechanical engineering and automation has passed the certification by China Engineering Education Accreditation Association, becoming one of the first batch majors passing the certification, and passes the second certification in 2013. For majors having pass the certification, its teaching quality and courses will be directly recognized by colleges and universities in the United States, Britain, Canada, Australia and other countries.

The College has 167 teaching staff, including 103 full-time teachers. In the teachers team, there is 1 academician of Chinese Academy of Sciences, 3 academicians of Chinese Academy of Engineering, 1 person in Chinese Thousand Person Plan, 1 person in Chinese Ten Thousand Person Plan, 2 specially-appointed professors of Changjiang Scholars by the Ministry of Education, 1 chair professor of Changjiang Scholars, 3 recipients of National Outstanding Youth Science Fund, 1 national-level famous teacher, and 2 Zhejiang famous teachers. We now have more than 400 doctoral students, over 600 master students and over 800 undergraduates.

The College has established a national key laboratory of hydrodynamic force and electromechanical system, a national key laboratory of computer aided design and graphics (built together with the School of Computing and Department of Mathematics), national electro-hydraulic control engineering technology research center, mechanic-electric-hydraulic system innovation research group of National Natural Science Foundation, a key laboratory of advanced manufacturing technology in Zhejiang Province, and a key laboratory of 3D printing technology and equipment in Zhejiang Province. Also, we have built a teaching base of engineering graphics, a national engineering basic course, mechanical engineering experimental teaching center of Zhejiang University, engineering training and experimental teaching center of Zhejiang University, electrical and mechanical engineering experimental teaching center of Zhejiang University (built together with the Institute of Electrical Engineering), and other national-level experimental teaching demonstration

centers. We have a group of scientific researches won national and provincial science and technology awards. Our students have taken important positions or served as the technical backbone in manufacturing automation, aerospace, information electronics, marine equipment, and other fields, having made positive contributions to the manufacturing automation, aerospace, information electronics, and marine equipment cause.

Our goal is to establish an international first-class machinery institute. Through international cooperative teaching pattern, teaching staff construction and high level of discipline construction, we try to develop the School into a modernized and international institute with high teaching level, strong school management capability, domestic leading scientific research level, student quality, and comprehensive industry-university-research capability, and having great influence in the world. The existing international cooperative programs mainly include: "3+2" undergraduate-graduate training program with the University of Illinois at Urbana-Champaign, learning exchange program of undergraduate and postgraduate student with the RWTH Aachen, "4+1" undergraduate-graduate training program with the Northwestern University, double master program with the College of Engineering, Northwestern University, and "Partner promotion plan in overseas first-class disciplines" with the University of Bath, etc.

**Dean:** Academician Yang Huayong  
Responsible for the administration work of the School

**Deputy Party Secretary (responsible person):** Professor Mei Deqing  
Responsible for the party committee work of the School  
Also in charge of organization, personnel work, and foreign affairs.

**Deputy Party Secretary:** Associate professor Wang Xiaoying  
Responsible for the ideology, politics and discipline inspection of students, and school authorities

**Deputy Dean:** Professor Fu Jianzhong  
Responsible for the scientific research, laboratory, infrastructure construction, and financial work

**Deputy Dean:** Professor Yang Canjun  
Responsible for teaching of undergraduate and postgraduate students and discipline construction

# Status Management

## Regulations on Management of International Graduate Student Status

### Chapter 1 General

Article 1 The Management Measures described as follows are developed in accordance with the Regulations on Management of Acceptance of International Students by Universities in China (issued jointly by the Ministry of Education, Ministry of Foreign Affairs and Ministry of Public Security), and with reference to the specific practice of Zhejiang University in developing international graduate education, for the purpose of promoting the university 's international exchange and cooperation and optimizing the management of international graduate students ' affairs.

Article 2 International graduate students doing studies at Zhejiang University shall comply with the laws and codes of the People 's Republic of China and various rules and regulations of the university. They must show respect to teachers, fellow students and the university staff, show respect to the folkways and customs of the Chinese people, and maintain and promote friendship between peoples of all nations.

Article 3 (N/A)

### Chapter 2 Acceptance Conditions and Admission Formalities

Article 4 Any foreign citizens with a master 's degree gained from an overseas or domestic accredited university is eligible to apply for doctoral studies.

Article 5 Any foreigner with a bachelor 's degree gained from an overseas or domestic accredited university is eligible to apply for master 's degree studies.

Article 6 (N/A)

Article 7 Excellent international graduates with a bachelor 's or master 's degree gained from Zhejiang University in the current year may apply for admission without exams to master 's degree or doctoral programs of the university respectively.

The admission procedures include interviews organized by the relevant colleges, the decision on supervisors and the research orientation. The admission decision shall be made by the Recruitment Office of Graduate School, to which information about the qualified applicants are sent by the International College. Applications for graduate studies of international graduates of the current year who have been enrolled previously as a result of implementing the national plan shall be sent to China Scholarship Council via International College for examination and approval.

If an international graduate student currently working for the master 's degree wishes to start doctoral studies before completing his master 's degree studies, he may submit application to the International College for initial examination and recommendation, following the Regulations of Zhejiang University on Recruitment of Graduate Students for doctoral Studies. After the interviews organized by the relevant colleges are conducted and the decisions on supervisors and research orientation made, the application of qualified candidates shall be sent by International College to the Recruitment Office of Graduate School for further examination and approval. Applications for early start of doctoral studies from beneficiaries of Chinese government scholarships shall be sent to China Scholarship Council via

InternationalCollege for examination and approval.

Article 8N/A

### **Chapter3 Entrance of New students**

Article 9New international graduate students must register with the InternationalCollege within the time period specified by the university, bringing with them theirpassports, Letters of Admission and Visa Application Form for Study in China. Thosewho cannot register within the time period for some reason must ask in advance forpermission of later registration from the International College. Such delay shall notexceed two weeks in normal cases. Those who fail to ask for later registration or failto register before the permitted time period ends will be deprived of their admissioneligibility. International graduate students who have registered with InternationalCollege must also do so within the specified time period with colleges that offer theirstudy programs and make arrangements for their studies.

Article 10 International College shall take charge of the new students recheckingwork, which is to be done in accordance of the Measures for Implementing ZhejiangUniversity Regulations on Management of Graduate Student Status.

Article 11 International graduate students ' ID cards and school badges will beobtained from the Graduate School and distributed by International College.

### **Chapter4 Registration & Attendance Check**

Article 12 Registration of current international graduate students shall beorganized and carried out by International College in a unified manner by referring tothe Measures for Implementing Zhejiang University Regulations on Management ofGraduate Student Status.

### **Chapter5 Transfer to Another School or Program**

Article13 The Measures for Implementing Zhejiang University Regulations onManagement of Graduate Student Status shall be referred to for transfer of internationalgraduate students to another school or program. Transfer application of beneficiariesof Chinese government scholarships to another school or program shall be sent inwriting by the International College to China Scholarship Council for examination andapproval.

### **Chapter6 Suspension from School**

Article 14 The Measures for Implementing Zhejiang University Regulationson Management of Graduate Student Status shall be referred to for suspensionof international graduate students from school. International graduate studentssuspending from school shall normally return to their home country for rest andrecovery. They will be responsible for the cost of the two - way trips and expenses formedical treatment in their home country. Scholarships for those who have been grantedscholarships will be paused during such suspension. Suspension from school of thoseinternational graduate students who have been recruited as a result of implementingthe national plan shall be reported in writing by International College to ChinaScholarship Council for examination and approval.

### **Chapter7 Termination of Student Status**

Article 15 The Measures for Implementing Zhejiang University Regulationson Management of Graduate Student Status shall be referred to for termination ofinternational graduate students. Documentations regarding termination of the studentstatus concerning beneficiaries of Chinese government scholarships shall be sent inwriting by International College to China Scholarship Council

and the embassy of the students' home country.

#### Chapter8 Encouragement & Punishment

Article 16 The Measures for Implementing Zhejiang University Regulations on Management of Graduate Student Status shall be referred to for encouragement or punishment involving international graduate students. Actions of encouragement or punishment involving international graduate students shall be taken by the college to which the students concerned are affiliated after the verification work is done and approval of the actions is given by the Graduate School. Results of encouragement/ punishment shall be filed with International College and Graduate School respectively and made known to the colleges the students concerned are affiliated to. Relevant documents about Students who are given a sanction of removal or dismissal from school shall be reported by International College to the Foreign Affairs Section of the provincial education department to put on records. Results of encouragement/punishment of beneficiaries of Chinese government scholarships shall be sent in writing by International College to China Scholarship Council and their embassy in China notified.

#### Chapter9 Schooling System & Length of Programs

Article 17 The Measures for Implementing Zhejiang University Regulations on Management of Graduate Student Status shall be referred to as regards the schooling system and length of programs for international graduate students. Applications for extending the length of schooling for beneficiaries of Chinese government scholarships shall be sent in writing by International College to China Scholarship Council for examination and approval. Those for whom such extension is approved continue their beneficiary status for the extended period of time without paying an extension fee; those who fail to obtain the approval and self-funded international graduate students shall pay an extension fee following the relevant tuition fee standard for self-funded students.

#### Chapter10 Training Work

Article 18 Relevant colleges and all international graduate student supervisors shall develop training schemes and individual study plans for the students by referring to the 3 documents, namely Implementation Rules on Master's Degree Candidates Training Work of Zhejiang University, Implementation Rules of Zhejiang University on Doctoral Candidate Training Work, and Implementation Rules of Zhejiang University on Training Graduate Students connecting Master's Degree and Doctoral Programs; the training schemes and individual study plans are to be filed with the Graduate School and International College of the university.

Article 19 The assessment criteria of course studies for international graduate students are specified as follows:

A. The minimum requirement for total credits to be gained by international graduate students shall be consistent with that for domestic students.

B. "China Survey" is a required course for international graduate students. "Political Theories" is a required course for international graduate students of programs categorized in philosophy, politics and economics. International graduate students registered in other programs may apply for exemption from the course.

C. The primary foreign language for international graduate students is Chinese, which is a required course for them. International graduate students may select an appropriate Chinese language course at the International College, depending on their current degree of Chinese language proficiency. International graduate students may remain exempt from courses of English or other foreign language.

D. International graduate students who have gained insufficient credits from the common curriculum may have credits gained by taking courses of their program curriculum as supplement. International graduate students who have taken “China Overview” in their previous programs may take other courses to meet the credit requirement.

E. Requirements regarding international graduate student ’ program courses, elective courses and the related assessment are to be worked out in accordance with the 3 documents, namely Implementation Rules on Master ’ s Degree Candidates Training Work of Zhejiang University, Implementation Rules of Zhejiang University on Doctoral Candidate Training Work, and Implementation Rules of Zhejiang University on Training Graduate Students connecting Master ’ s Degree and Doctoral Programs.

F. Subject to the consent of their supervisor, part or all courses for international graduate students may be offered in English. International graduate students registered in programs with Chinese as the working language but with no Chinese language proficiency up to the level for taking the courses shall be arranged by the International College to learn Chinese for one year before starting their program studies.

G. Examination results of all courses for international graduate students shall be entered into the university graduate student training information system by their college and International College to effectuate standardized management.

Article 20 Relevant provisions of the 3 documents, namely Implementation Rules on Master ’ s Degree Candidates Training Work of Zhejiang University, Implementation Rules of Zhejiang University on Doctoral Candidate Training Work, and Implementation Rules of Zhejiang University on Training Graduate Students connecting Master ’ s Degree and Doctoral Programs, shall be referred to as regards requirements for the scientific research and degree theses of international graduate students.

Article 21 Requirements on oral defense of international graduate student ’ s thesis for applying for a degree shall be the same in principle as those concerning domestic graduate students.

### Chapter 11 Graduation & Completion of a Course of Study

Article 22 The Measures for Implementing Zhejiang University Regulations on Management of Graduate Student Status shall be referred to as regards international graduate students ’ graduation or completion of a course of study.

Article 23 International College shall take charge of submitting in writing the list of international graduate students graduating or completing a course of study to the Administration Office of Graduate School while individual colleges shall take charge of submitting in writing the list of graduating international graduate students applying for a degree, together with the list of domestic graduates, to the Degree Office of Graduate School for examination and approval. Individual colleges shall take charge of distributing diplomas to international graduate students and producing the English translation of diplomas of graduation which shall be put on records by the International College; the International College shall produce and distribute to the international students the certificates of graduation and the English translation according to the requirements of the university. Students who are not eligible for graduation shall be granted Certificates of completion of a course of study or certificates of course attendance printed by the university. The academic reports for international graduate students shall be prepared by the International College with one copy in Chinese and another in English, and verified by the Training Office of the Graduate School with an official seal.

Article 24 International graduate students who apply for a delay in graduation shall go through

relevant formalities at least three months ahead of set time for graduation. Such applications from beneficiaries of Chinese government scholarship shall be submitted in writing via International College to China Scholarship Council for examination and approval. Those who are granted the approval will be able to continue their beneficiary status; self-funded international graduate students who apply for the delay due to private reasons shall pay a program extension fee, and those who submit the application due to the arrangement of the college or the supervisor shall be exempt from such payment.

#### **Chapter 12 Supplementary Articles**

Article 25 International College shall take charge of managing foreign affairs concerning international graduate students (entry & exit formalities, settlement and extension of residence permit, etc.) while the International Student Service Center shall take charge of issues related to their life on campus.

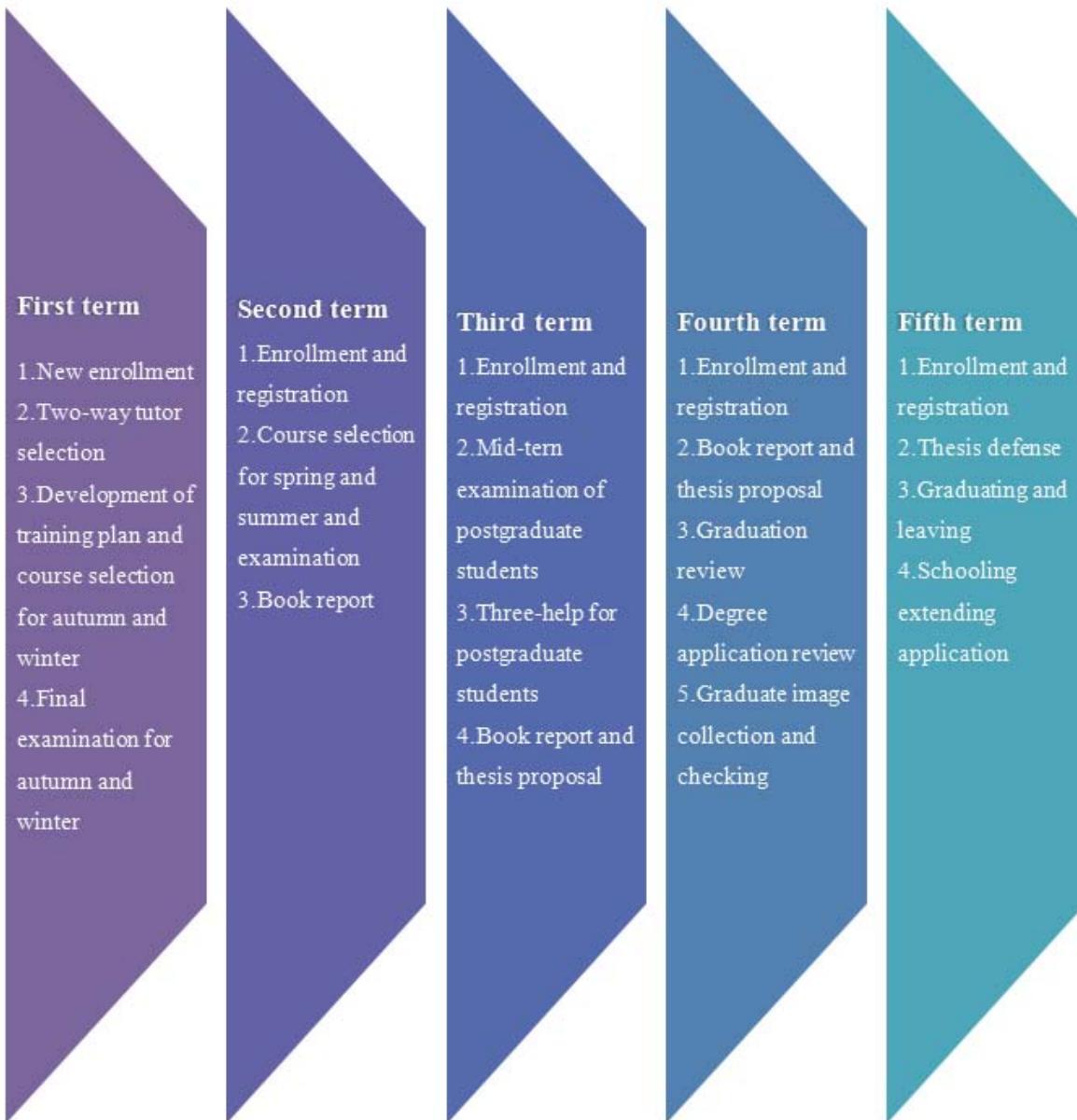
Article 26 International graduate students training of programs jointly run by overseas colleges/universities and Zhejiang University shall be managed in accordance with the provisions of relevant cooperation and exchange agreement.

Article 27 The measures hereby stipulated shall be enforced on a trial basis as of the date of proclamation.

Article 28 The right of interpreting this document belongs to Graduate School and International College.

# Cultivation Process

## Cultivation matters list of postgraduate student



## Cultivation matters list of doctoral student

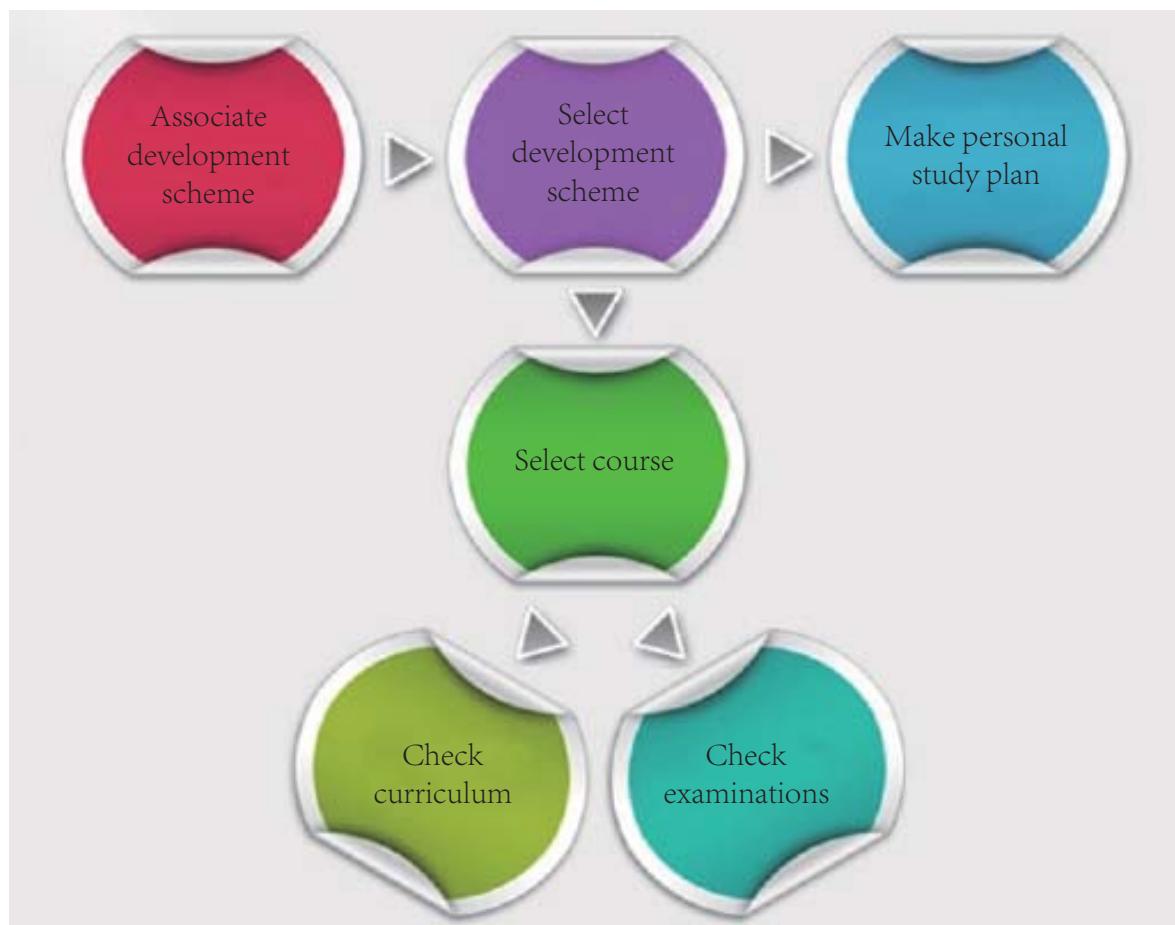


## Courses

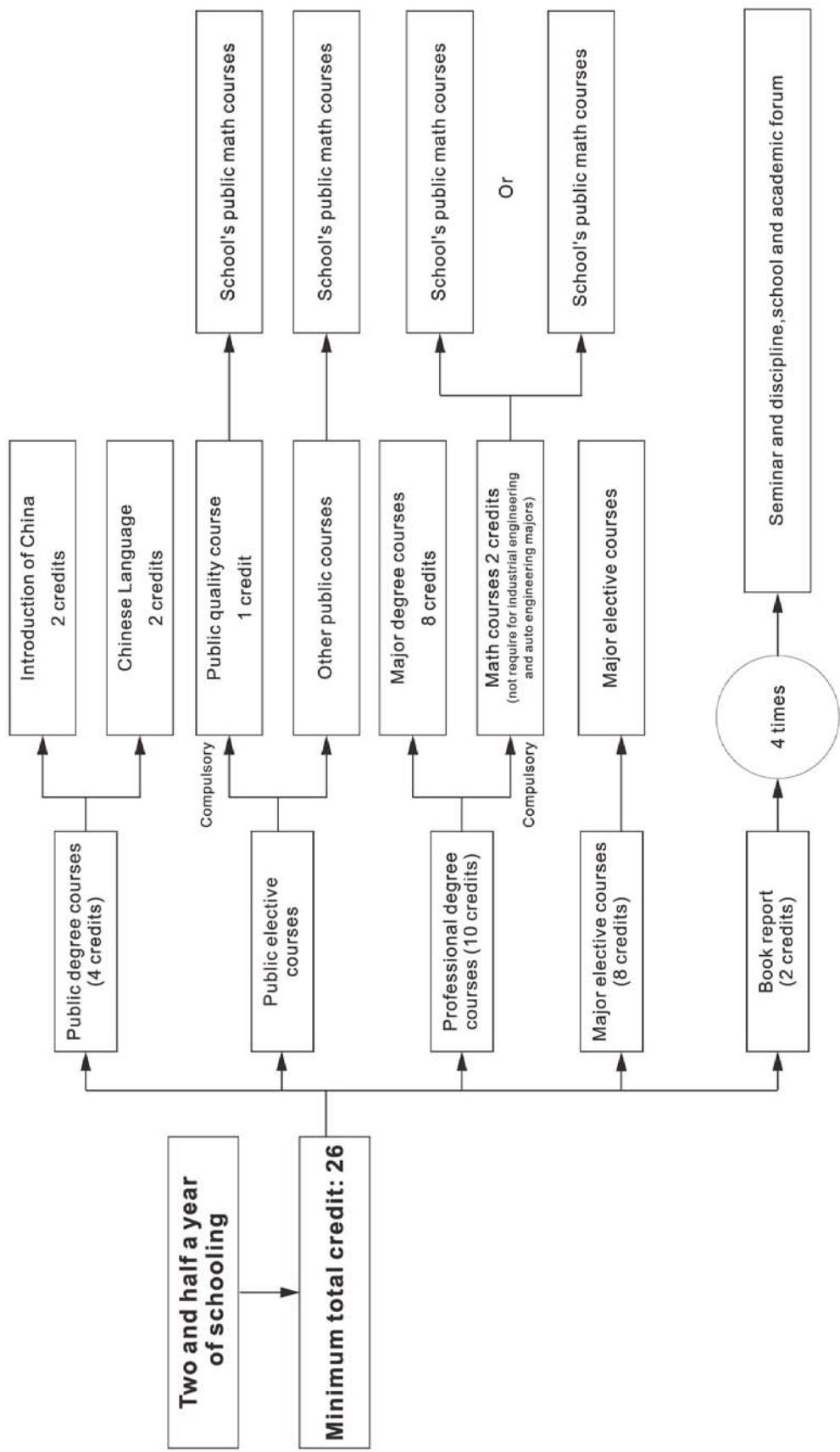
The postgraduate courses are designed to meet the objective to develop various professional talents and basic requirements. They are, according to their natures, categorized into general degree courses, general optional courses, major degree courses, and major optional courses.

The credits for a postgraduate course do not exceed two while one credit is corresponding to 16 class teaching hours (exclusive of the hours for examinations and self-study outside the class); for the development scheme and requirements for various disciplines, please inquire at the graduate school system.

Below is an introduction to the courses designed for the master and doctorate candidates.

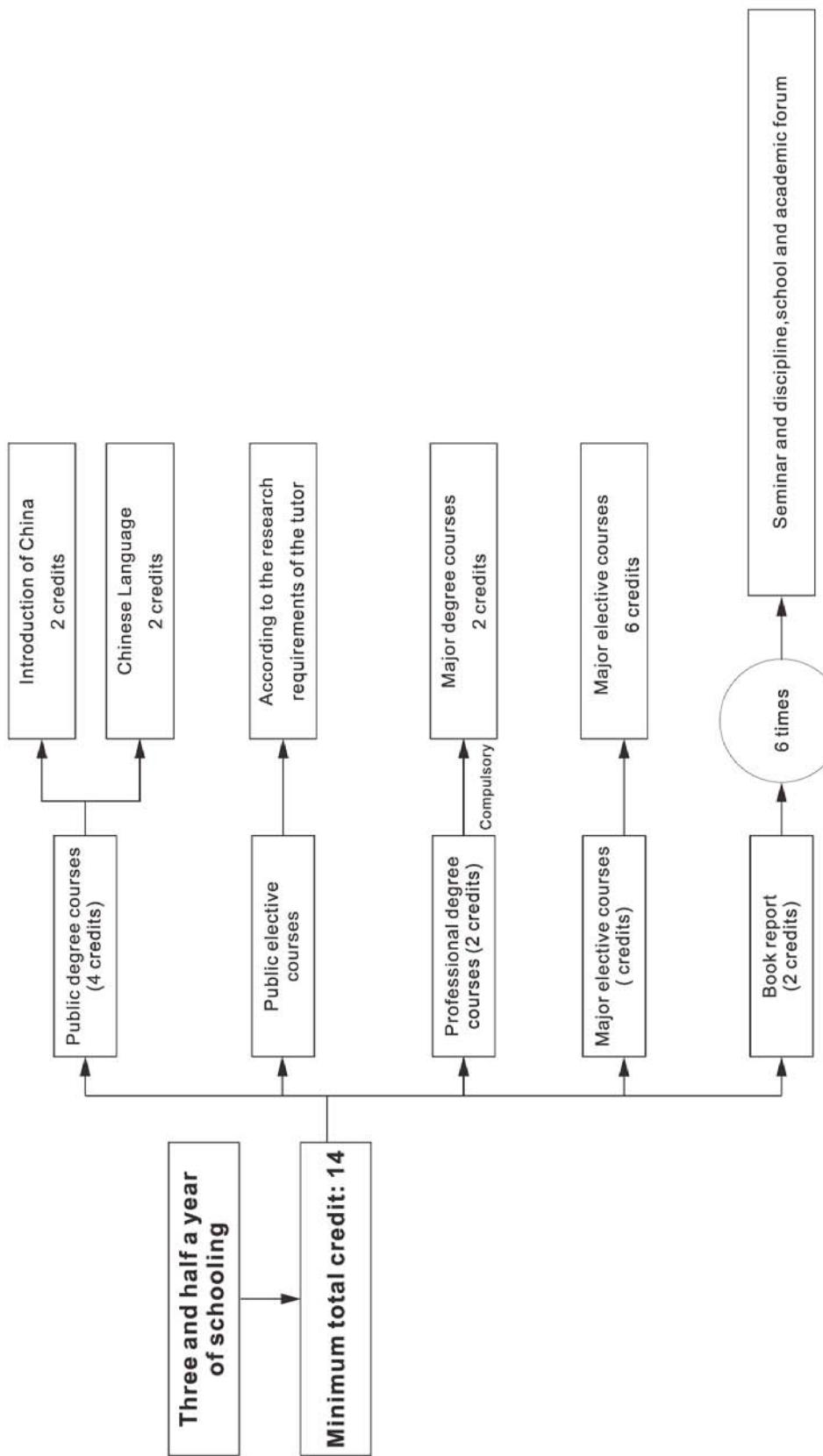


# Curriculum system setting for postgraduate students (Master of Science Degree)



Note: Courses of other majors of the School can be elected

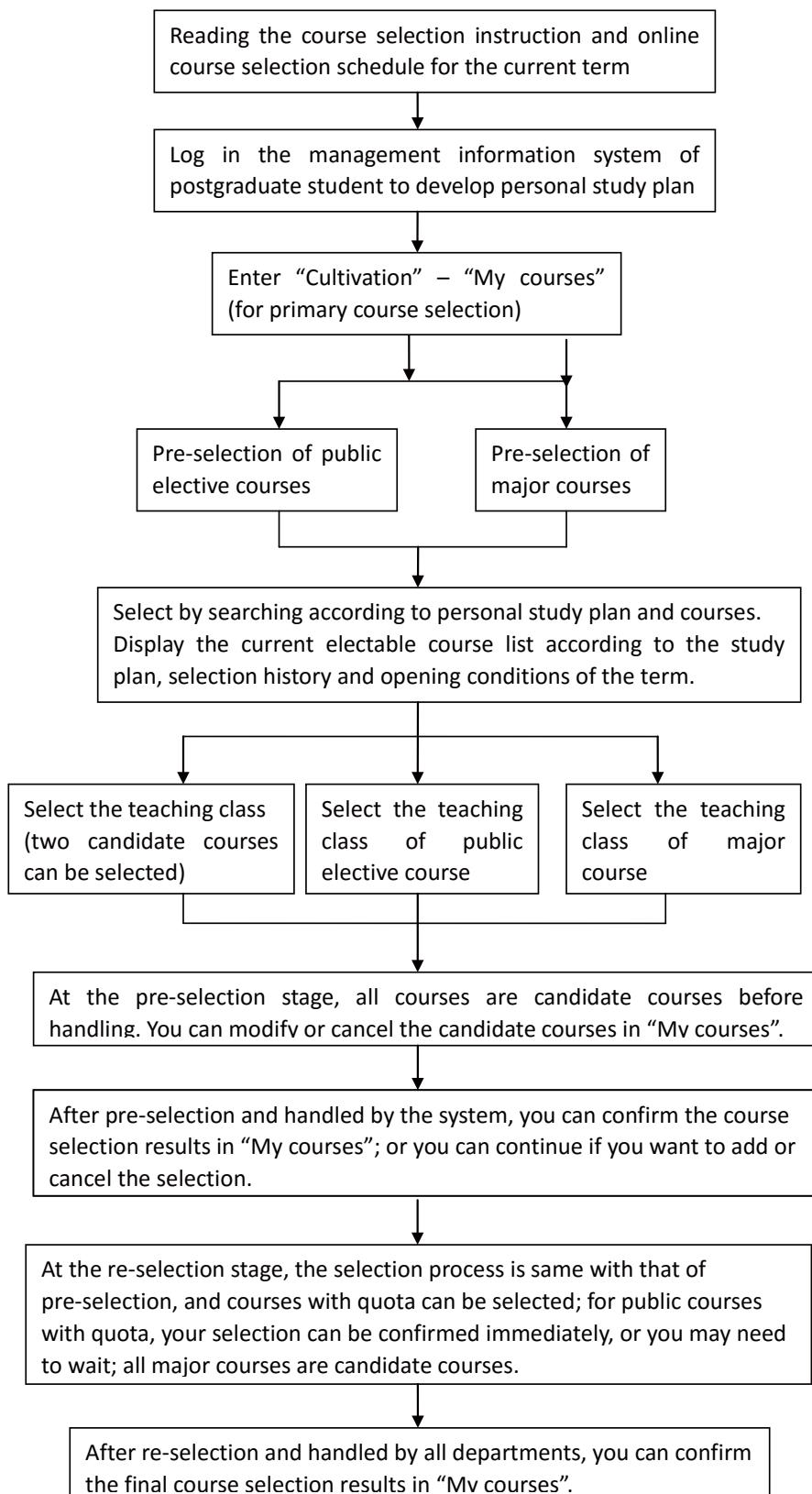
## Curriculum system setting for postgraduate students (doctor)



## Introduction to the key postgraduate course construction

Type	Course No.	Course Name	Teacher	Semester	Student types
Full English or bilingual classes	0823049	Finite Element Methods and its Engineering Application	Li Dejun	Winter	Master
	2521001	Advanced Mechatronic Controls	Yao Bin	Summer	Doctor
	2521002	Case Analysis and Design of Mechatronics Systems	Yang Huayong	Autumn	Master
	2523008	Microsystem Technologies	Xie Jin	Spring	Master
	0822022	Modern Control Theory	Lei Yong	Autumn	Master
	0822021	Modern Measuring and Testing Technology	Liu Weiting	Autumn	Master
	0813018	An Introduction to Microelectromechanical Systems Engineering	Ju Binfeng	Spring	Master
	0811018	Mechatronics Control	Yao Bin	Spring	Doctor
	2521006	Modeling and analysis in Engineering Design	Wang Linxiang	Autumn	Master
	2511007	Lean Theory and Method	Tang Renzhong	Autumn	Master
	2523009	Sustainable Engineering and Manufacturing	Peng Tao	Spring	Master
	0811017	Modeling method of Engineering Issue	Tan Jianrong	Autumn	Doctor
Core Courses	0811018	Mechatronics Control	Yao Bin	Spring	Doctor
	0823049	Finite Element Methods and its Engineering Application	Li Dejun	Winter	Master
Demonstration Course	0821020	Application of Creative Design	Hu Shugen	Winter	Master

## Online course selection process

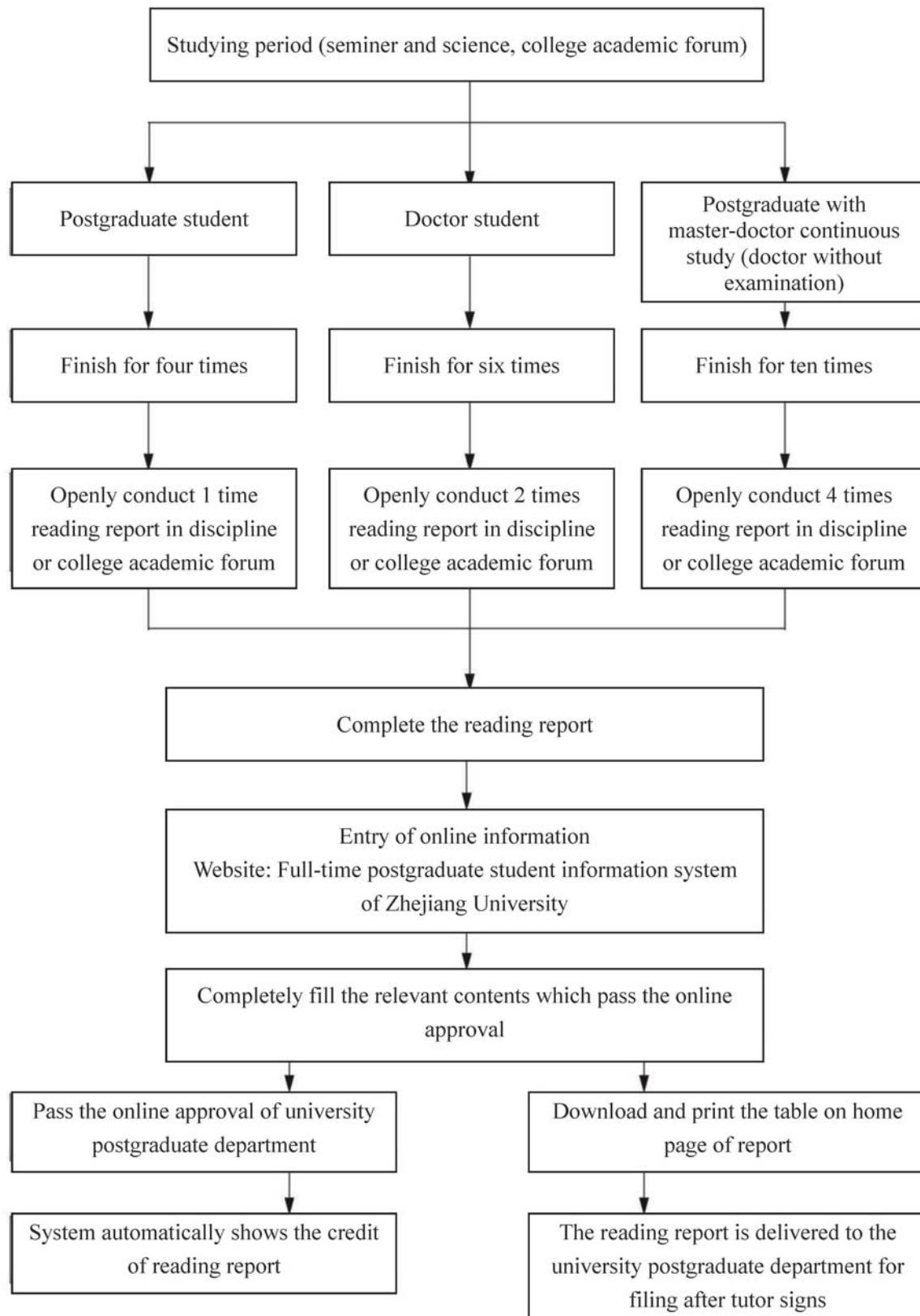


## Reading Reports

As required by the graduate school ' s development scheme, a master candidate must make four reading reports in a term, at least one made public at the program or College forum, while two credits are granted for four reports made accumulatively. A doctorate candidate must make six reading reports in a term, at least two made public at the program or department academic forum, while four credits are granted for six reading reports accumulatively made. A paper read at an international academic conference can be one substitute for one reading report made public at the program or department academic forum. A direct doctorate candidate (an undergraduate directly becoming a doctorate candidate) is entitled to two such substitutes while a regular doctorate candidate can only have one such substitute.

The contents for reading reports are proposed or approved not more than four times a year, while at least half of the required reading reports have been completed before the dissertation/thesis proposal. After completing the required reading reports, the postgraduate student must log into the Postgraduate Management Information System of the graduate school, where he/she enters relevant contents, which will be confirmed by his/her tutor and reviewed by the postgraduate department of the College.

## Requirements of Postgraduate Reading Report and Online Entry Process



# Thesis/Dissertation Report

The thesis/dissertation proposal is an important part of postgraduate development. The implementing rules for the thesis/dissertation proposal at the College have been designed to ensure the quality of postgraduate development and meet the basic postgraduate development requirements of the University.

## 1. Membership of Thesis/Dissertation Proposal Expert Team

The research institutes are responsible for the review of each thesis/dissertation proposal, which can be done in batches according to the number of people involved or in groups in accordance with the contents. The master thesis proposal expert review team comprises three to five associate professors or above or teachers holding a PhD degree, and the doctorate dissertation proposal expert review team is composed of three to five associate professors or above (at least two of them are doctorate tutors) or teachers holding a PhD degree.

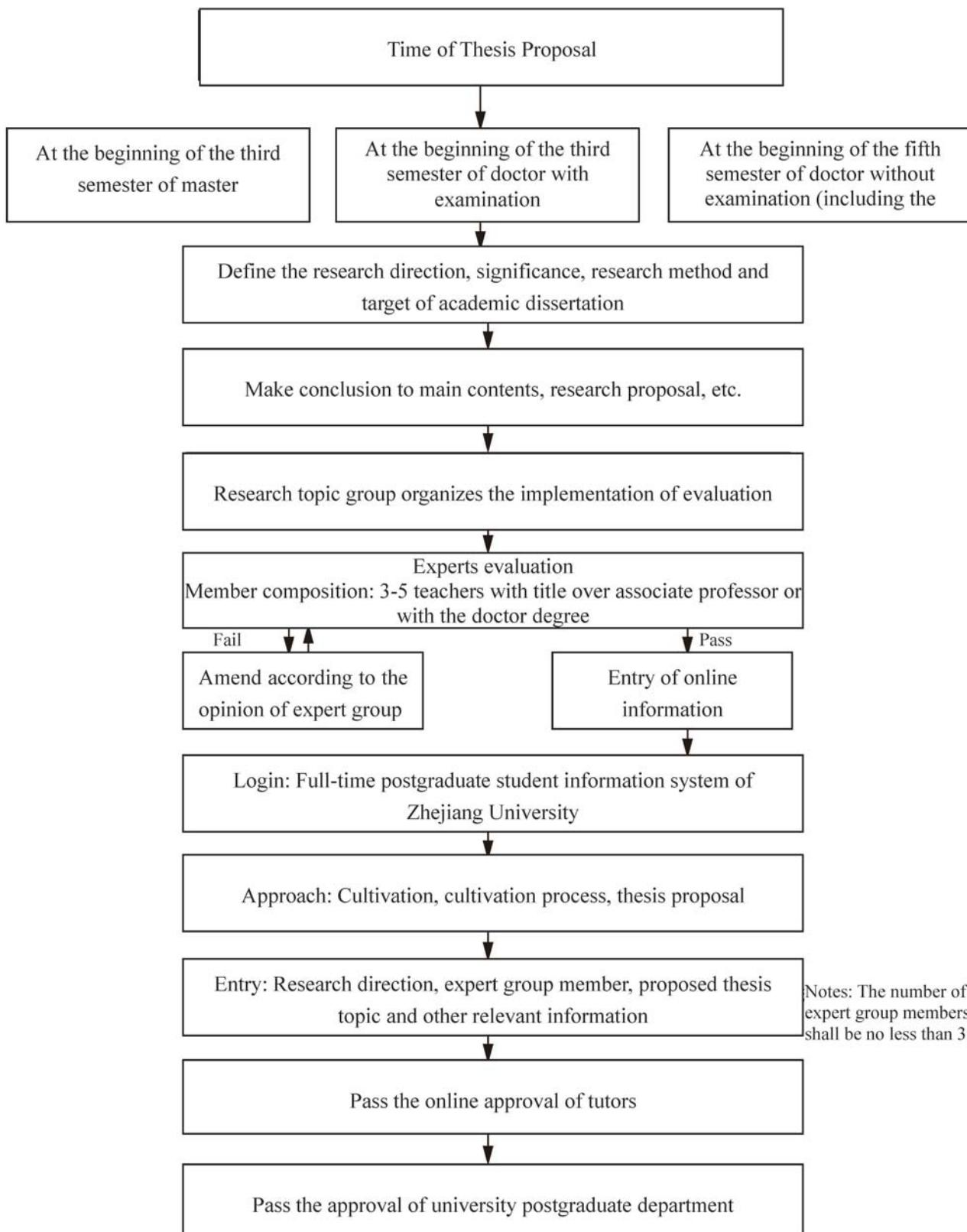
## 2. Implementing Rules for Thesis/Dissertation Proposal

The postgraduate, when ready for the thesis/dissertation proposal, submits an application to his/her tutor.

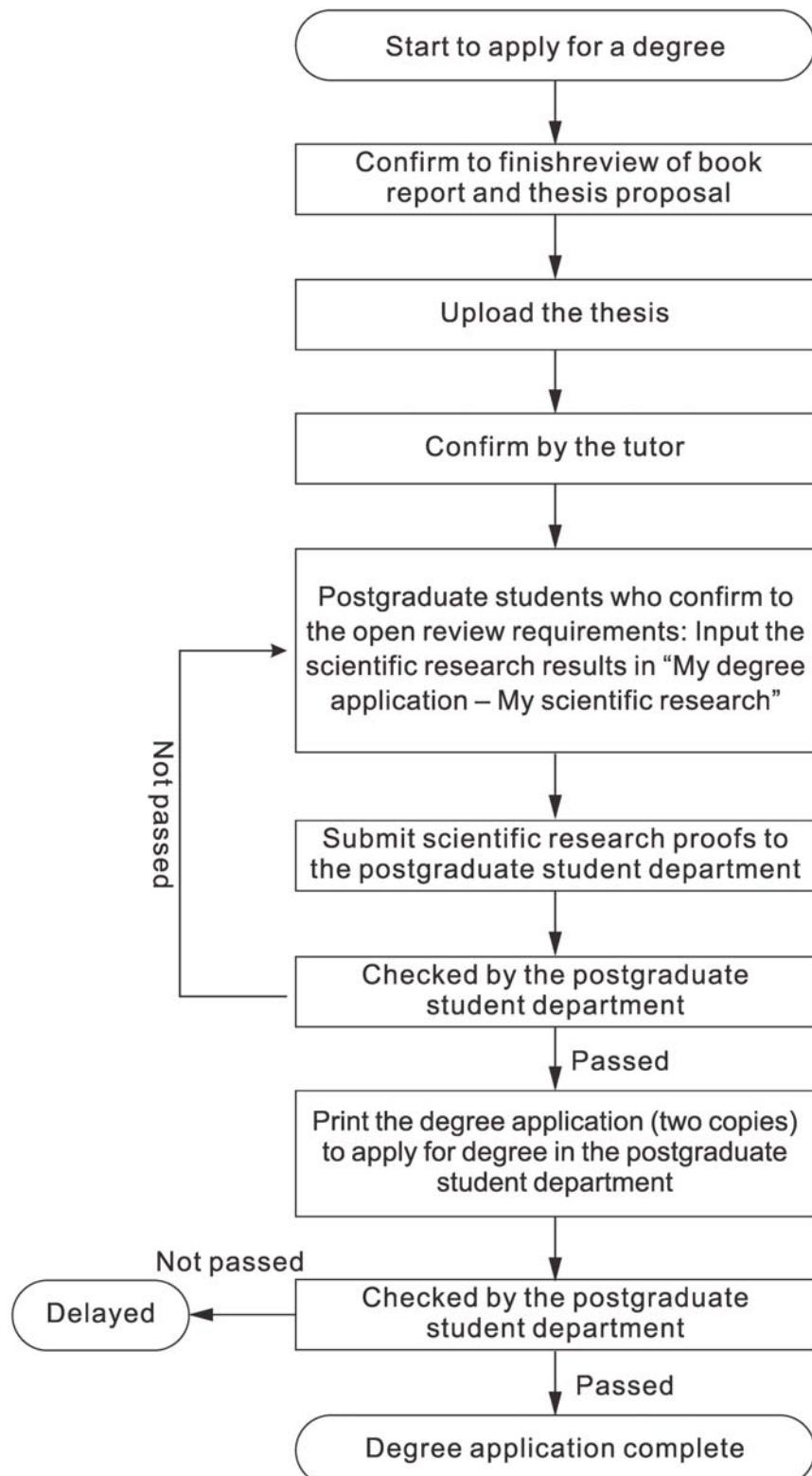
The expert review team asks questions about the subject selected, thinking, technical approach, etc. concerning the thesis/dissertation, puts forth corresponding suggestions, opinions on improvements, or even requirements for a new thesis/dissertation proposal, and signs on these opinions in the Thesis/Dissertation Proposal Review Form.

When the thesis/dissertation proposal is complete, the postgraduate student will log into the postgraduate management system (new), enter relevant contents about the thesis/dissertation proposal (the research direction, members of the steering committee, topic preliminarily proposed, time and place for the proposal, size of the audience, information about the review experts, and their opinions), and upload the original proposal. Upon completing these operations, submit the proposal review form (classified by the discipline or research institute) to the postgraduate department (Teaching 1 - 322) of the College for review and archiving purposes.

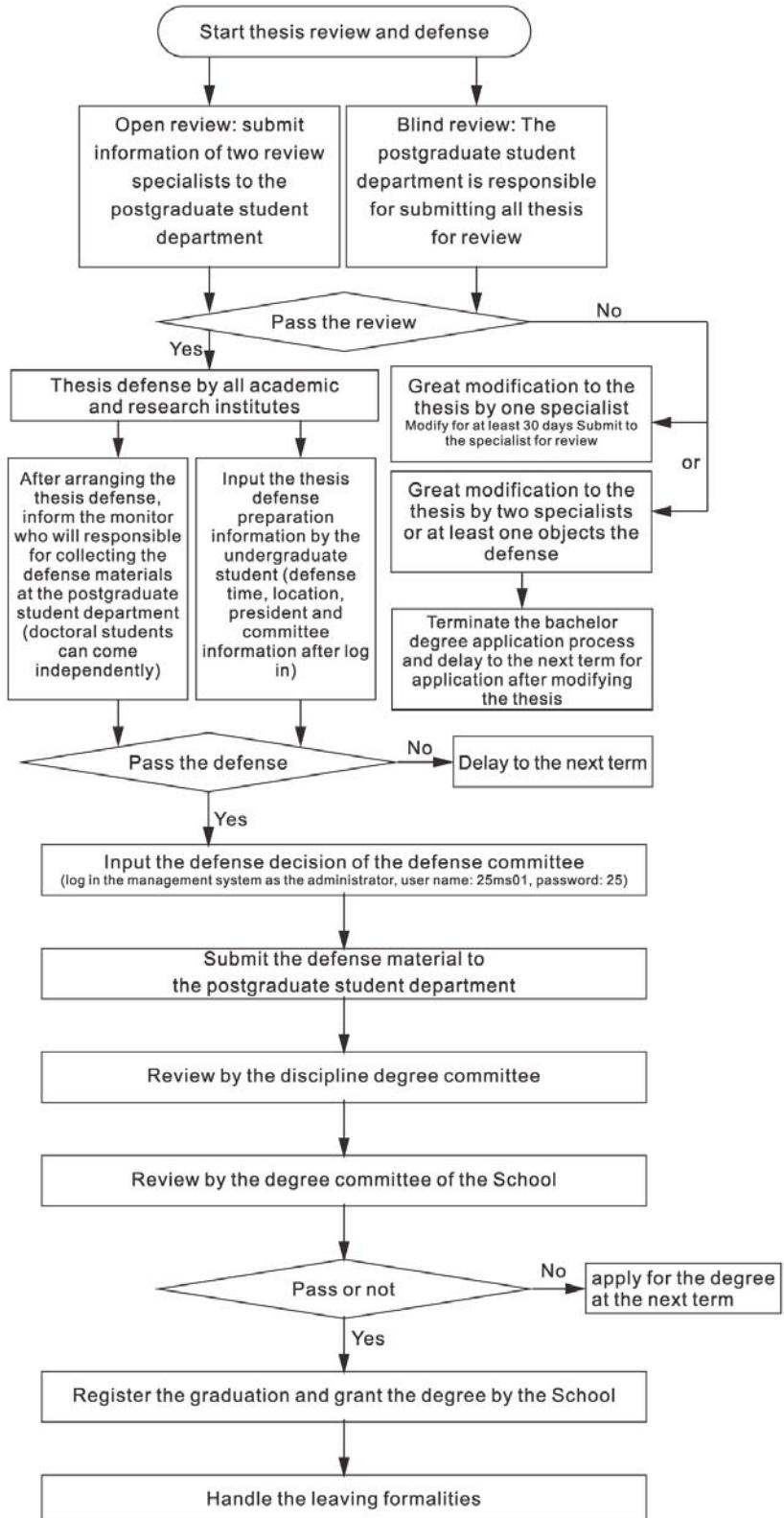
## Requirements and Relevant Process of Postgraduate Thesis Proposal



## Degree application flow chart



# Thesis review and defense flow chart



## Frequently Asked Questions

### ➤ Q: When do I need to do the registration?

A: Graduate students shall get registered at the Office of Admission and Management International College twice a year. The registrations are held at the beginning of the Spring Semester (late February or early March) and Fall Semester (early September or Mid-September). Graduate students need to bring student ID Books as well as passports to the Office of Admission and Management International College, and go through registration formalities to get registered for the new semester, according to the University Academic Calendar.

Graduate students who could not attend the registration on time should apply for the delayed registration in advance. A late-registration application form should be filled and submitted to the Office of Admission and Management International College. The application will not be valid until the approval is granted.

### ➤ Q: How do I request a leave of absence?

A: Graduate student who wants to request a leave of absence ( not to exceed 30 days) should contact with the Office of Admission and Management International College and fill the “Leave of Absence Form for Graduate Student” . The request will not be valid until the approval is granted. Graduate student should get the approval from his supervisor if he requests for a maximum of 7 day leave. For student who requests more than 1 week (not to exceed 30 days) leave of absence, approval from supervisor, director of college graduate office and director of the department is required. The Leave of Absence Form should be submitted to the Office of Admission and Management International College before student’ s leaving. For student who wants to request a more than 30 day leave of absence, should request a temporary suspension of schooling.

### ➤ Q: How do I request temporary suspension of schooling?

A: For graduate student who could not attend class or school for more than one month, because of medical treatment, convalescence, or other reasons, should go through the formalities of requesting temporary suspension of schooling. The duration of suspension will not exceed 2 years. Students should contact with the Office of Admission and Management

International College, and fill the “Student Status Change Application Form for Graduate Student”. The request will not be valid until the approval is granted. Approval from supervisor, director of college graduate office and director of the department is required. Meanwhile, the official medical diagnostic certificate should be provided if it is due to illness or medical treatment. Student must resume his study after the expiration of the temporary suspension by filling and submitting another “Student Status Change Application Form for Graduate Student” to the Office of Admission and Management International College.

➤ **Q: Is there any evaluation and review of my studying in Zhejiang University?**

A: Yes. The university holds the study evaluation for current students every semester. Students need to fill the “Study Review Form”, which will be evaluated by supervisor, director of college/department, and submit it to the Office of Admission and Management International College.

➤ **Q: How to extend my study period?**

A: Graduate students who are unable to finish their studies within the prescribed time and wish to prolong their studies, must fill and submit “Study Period Extending Application Form for Postgraduate Students, ZJU” to the Office of Admission and Management International College 6 months before the time frame ends. Approval from supervisor, director of college graduate office and director of the department is required. The request will not be valid until approval is granted.

➤ **Q: How to extend my residence permit?**

A: Graduate students should extend their residence permit before it expires. Students should collect following documents: residence registration certificate (issued by the dormitory office or the local police station), proof of tuition fee payment (self-supporting students), passport, and then come to the Office of Admission and Management International College. With the certificate issued by Office of Admission and Management, students shall go to the Hangzhou City Police Entry/Exit Administration Bureau to extend their residence permit. (Address: Hangzhou City Police Entry/Exit Administration Bureau, 35 Huaguang Road, Tel: 87071973).

➤ **Q : How can I receive my diploma after I have passed my oral defense?**

A: After passing the degree thesis oral defense, qualified graduating students need to contact Office of Admission and Management International College to go through the

graduation formalities. Students need to fill the “Deregistration Procedure Form for Postgraduate/Visiting Students Leaving the University”, and submit it to Graduate Office. The request will not be valid until approval is granted. Graduate students qualified for graduation shall be granted the degree certificate by their college/department. Graduate students who are allowed to conclude their studies shall be granted a graduation diploma by the International College.

➤ **Q: Can I get medical insurance if I am ill?**

A: Full-scholarship students, students with the Scholarship which covers medical expenses, and self-supporting students who have paid the whole year tuition fee (with their time of studies exceeding 6 months), are entitled to receive the Comprehensive Medical Insurance for International Students. Please refer to the introduction and specific details on the official insurance website ([www.lxbx.net](http://www.lxbx.net)), as well as the Insurance Chapter of the “International Student Handbook of Zhejiang University”. Graduate students who want to get reimbursement should contact teacher who is in charge of student insurance affairs. (Office Address: Room 219, Dorm. 31, Yuquan Campus, Zhejiang University, Tel: 87953837)

➤ **Q: How can I apply for living off-campus?**

A: Graduate students who want to live off-campus, should fill and submit “Application for Off-campus Accommodation”, as well as related materials, such as lease agreement etc., to the Office of Admission and Management International College. The request will not be valid until the approval is granted. Only after being approved, students can live off-campus. Within 24 hours after move-in, students should go to the local police station with their passport to do the residence registration. Then students bring the residence registration certificate to Office of Admission and Management International College.

➤ **Q: My parents, relatives, wife, husband will come to China for a visit. Could the university offer invitation letter?**

A: The university does not issue invitation letters for students’ family members or friends, as the inviters are student themselves, not the university. What we could offer is the student status verification form, and other related certificates. Family members could apply for visitor’s visa at the Embassy of People’s Republic of China with those documents. Graduate students need to bring copies of passports of family members, official marriage certificate, birth certificate etc. to the Office of Admission and Management International

College to go through the formalities. (Contact: Mr. Tang, Location: Room 231, Dorm. 31, Yuquan Campus, Zhejiang University)

After the arrival of students' family members, graduate students and family members have to go through the residence registration formalities according to the regulations. Graduate students need to pay an amount of fee if their relatives need to stay in campus.

➤ **Q : When and how will I receive the Scholarship Allowance?**

A: On the 1<sup>st</sup> of every month, the Scholarship Allowance will be transferred to students' BOC cards. Students will receive the Scholarship Allowance for February and August in advance. After registering at the university, new graduate students shall go to the Bank of China Zheda Branch with their passports to open the bank account by themselves. Then students inform the Office of Admission and Management International College about their card information.

Graduate students could also authorize Office of Admission and Management to open the bank account for them. For this method, graduate students should offer Office of Admission and Management one copy of passport. Graduate students collect and activate their cards with passport or the certificate of issued passport (students who are in the process of residence permit application may not have original passports) at the Bank of China Zheda Branch. Please contact Mr. Tang for detailed information. (Office: Room 231, Dorm. 31, Yuquan Campus, Zhejiang University).

# Service Information

## Related departments of the university

### Zhejiang University International College

Website: <http://iczu.zju.edu.cn/english/>

Contact information :

Offices	Staff	Location	Tel.	E - mail
Master's and Ph.D Program	Mr. TANG li	Room 231, No. 31 Dorm, Yuquan Campus	87952848	litang@zju.edu.cn
	Mr. YI Honghui	Room 231, No. 31 Dorm, Yuquan Campus	87952848	zjuyhh@zju.edu.cn
	Ms. Zhu YI	Room 229, No. 31 Dorm, Yuquan Campus	87953101	zhuyi86@zju.edu.cn
	Ms.TANG Qin	Room 229, No. 31 Dorm, Yuquan Campus	87953101	tangqin88@zju.edu.cn
	Ms.PAN Yiyun	Room 229, No. 31 Dorm, Yuquan Campus	87953101	yiyunpan@zju.edu.cn

### College Departments of postgraduate students

#### *College Postgraduate Student Department*

Responsible for enrollment, registration, process management, course selection, examinations, study abroad, assistance to excellent students, degree, thesis defence, graduate, diploma, CET - 4/6, etc. of postgraduate students.

Responsible teacher:

Song Xiaoyun Wang Fangguan

Office number: 87951931

Address: Teaching building 1 - 322

Email: [jxyjs@zju.edu.cn](mailto:jxyjs@zju.edu.cn)

#### *College Youth League*

Responsible for award and superior evaluation, financial difficulties allowance, post subsidies, student employment, cultural and sports activities, ideology and politics education, students ' archives, students ' Party construction, and students ' Youth League construction, etc.

Responsible teacher:

Yan Xiaolong

Office number: 87951522

Address: Teaching building 1 - 329

Telephone number: 13575472387 (652387)

Xiang Shufang

Office number: 87951787

Address: Teaching building 1 - 329

Responsible for Party construction and Youth League construction of postgraduate students

## Important Numbers

POLICE: 110 (12 languages service available)

FIRE: 119

PARAMEDICS: 120

TIME: 117

Telephone Number Inquiry: 114

Taxi Service: 96520; 28811111

Division of Exit-Entry Administration of Hangzhou Public Security Bureau

8728 0185 (Chinese )

8728 0561 , 8728 0539 (Non Chinese)

Zhejiang International Travel Healthcare Center( Entry-Exit Healthcare Quarantine )

Telephone : +86 87852410

Address: NO.228 Zhonghezhong road

Zhejiang Branch of Bank of China

Telephone: +86 9556

Address : NO.321, Fengqi road

International Post Office

Telephone: +86 87182182

Address: The new NO.1,Jiefang road

## On Network Use on Zhejiang University Campuses

### 1. Application for campus network account and network access service

Zhejiang University Network Information Center: [networking.zju.edu.cn](http://networking.zju.edu.cn)

### 2. Network Account Parameter Setting

(1) Campus network access setting: Access [networking.zju.edu.cn](http://networking.zju.edu.cn), click on VPN Access, set up according to the description, and you can access the network via dialup on campus (with access authorization limited to that of the campus account applied for);

(2) Campus network access from outside: Log into <http://rvpn.zju.edu.cn>, enter the campus account and password, and you can access other websites on campus.

### 3. Time and Place for Account Opening

Campus	Place	Time	Tel
Yuquan	Room 609, library	From Monday to Friday	87951669
Zijin Port	Counter 13, Room 111, Administrative Service Hall	From Monday to Friday	88981611
Xixi	Room 315, West Teaching Building	In the afternoon on Tuesday and Thursday	88273001
Huajiachi	103 Old Library	In the afternoon on Monday, Wednesday, and Friday	86971518

Service email: [xwmaster@zju.edu.cn](mailto:xwmaster@zju.edu.cn)

Note that, during the summer and winter vacations, relevant account service is available on the Yuquan Campus only; time: in the afternoon on Monday, Wednesday, and Friday.

### 4. Network Repair Report and Information Service

7x24 information service hotline: 0571 - 87951669

## Library Service Hours and Schedule

Zhejiang University electronic library homepage: [libweb.zju.edu.cn/libweb](http://libweb.zju.edu.cn/libweb)

### Yuquan Campus Library:

Site with service available	From Monday to Friday	Saturday and Sunday
Electronic Reading Room (301)	8:30 - 21:50	8:30 - 21:50
Reading Room for Science and Engineering Reference Books (401)	8:30 - 21:50	8:30 - 21:50
Generic Publication Reading Room (501)	8:30 - 21:50	8:30 - 21:50
Reading Room for Science and Technology Magazines and Journals in Western Languages (420)	8:30 - 21:50	13:00 - 21:50
Reading Room for Science and Technology Magazines and Journals in Chinese, Japanese, and Russian (520)	8:30 - 21:50	13:00 - 21:50
Reading Room for Sample Books on Economics (701)	8:30 - 21:50	13:00 - 21:50
Service Hall (200)	8:30 - 17:00	8:30 - 17:00
Faculty/Postgraduate Reading Room (300)	8:30 - 17:00	
Reading Room for Social Sciences Magazines and Journals (820)	8:30 - 17:00	
Reference Book Reading Room (320)	8:30 - 17:00	
Science and Technology Literature Search Room (400)	8:30 - 12:00	13:00 - 17:00
Science and Technology Novelty Search (311)	8:30 - 12:00	13:00 - 17:00
Document Delivery Service (513)	8:30 - 12:00	13:00 - 17:00
Information Service (508)	8:30 - 12:00	13:00 - 17:00

## Foundation Sub - library on Zijingang Campus

Site With Service Available	From Monday to Friday	Saturday and Sunday	
Self - Help Borrowing Machine (at the lobby)	8:30 - 22:30	8:30 - 22:30	
Lobby Information Desk	8:30 - 22:30	8:30 - 22:30	
Stack Room 1 (109)	8:30 - 22:30	8:30 - 22:30	
Stack Room 2 (115)	8:30 - 22:30	8:30 - 22:30	
Stack Room 3 (208)	8:30 - 22:30	8:30 - 22:30	
Reading Room for Magazines, Magazines, and Reference Books (306)	8:30 - 22:30	8:30 - 22:30	
Special Collection of Books in Foreign Languages (201)	8:30 - 22:30	8:30 - 22:30	
Information Sharing Space (301)	8:30 - 22:30	8:30 - 22:30	
Counter for Book Borrowing and Returning	8:30 - 17:00	8:30 - 12:00	13:00 - 17:00
Service Center (inquiry, pass, fining, departure procedure, etc.)	8:30 - 12:00	13:00 - 17:00	8:30 - 12:00
Zhejiang University Book Collections (406)	8:30 - 17:00		

## Campus Medical Service Time and Arrangement

	Time	Remark
From Monday to Friday	Morning: 8:00 – 12:00 Afternoon: 13:30 – 17:00	5 p.m. and after is time for night outpatient and emergency service; Emergency service is available 24 hours. `
Saturday and Sunday	Daytime on Saturday is outpatient service overtime; daytime on Sunday is time for emergency service.	

## Application for Campus Parking Permit

Zhejiang University has, since 2011, implemented smart campus traffic management. To apply for a campus pass, please log into the website for Zhejiang University Security Office at [bwb.zju.edu.cn](http://bwb.zju.edu.cn) or call 0571 - 88206065 or 88276196.

## Tel for Campus Card Service

Inquiry Tel (loss report can be made)	88206688
Yuquan Campus Pass Service Department	87951505
Zijin Port Campus Card Service Department	88206557

## List of Doctoral Advisor



**Tan Jianrong:** Academician, professor, doctoral advisor

**Specialty:** Mechanical Design and Theory

**Research direction:** Design of complex equipment and electromechanical products, design theory and method, digital intelligent design and manufacturing, key technology of quality engineering

**Contact way:** (Telephone) 0571-87951787; (Mail) egi@zju.edu.cn



**Yang Huayong:** Academician, professor, doctoral advisor

**Specialty:** Mechatronic Engineering

**Research direction:** Electro-hydraulic intelligence and energy-saving control of electromechanical system, innovation research of electromechanical component

**Contact way:** (Telephone) 0571-87952506, 87952500; (Mail) yhy@zju.edu.cn

**Note: the following contents are ranked on the basis of alphabet order**



**Cao Yanlong:** Professor, doctoral advisor

**Specialty:** Mechanical Manufacture and Automation

**Research direction:** product precision and quality engineering, intelligent detection and signal processing, vibration, noise testing and control.

**Contact way:** (Telephone) 0571-87953198; (Mail) sdcaoyl@zju.edu.cn



**Cao Yanpeng:** Researcher, doctoral advisor

**Specialty:** Mechanical Manufacture and Automation

**Research direction:** 1. Infrared thermal imaging; 2. Real-time positioning and 3D construction; 3. Intelligent robot and automatic driving vehicles

**Contact way:** (Telephone) 0571-87951145; (Mail) caoyp@zju.edu.cn



**Zhen Zhangwei:** Professor, doctoral advisor

**Specialty:** Mechatronic Engineering

**Research direction:** Machine electronic control, intelligent detection and signal processing, vibration, noise testing and control.

**Contact way:** (Telephone) 0571-87951269; (Mail) chenzw@zju.edu.cn



**Chen Zichen:** Professor, doctoral advisor

**Specialty:** Mechanical Manufacture and Automation

**Research direction:** Digital manufacturing and new type numerical control system, precision engineering, micro electro mechanical system theory and micro manufacturing technology.

**Contact way:** (Telephone) 0571-88981113; (Mail) chenzc@sun.zju.edu.cn



**Cao Huiyue:** Professor, doctoral advisor

**Specialty:** Mechanical Manufacture and Automation

**Research direction:** Processing technic of difficult-to-machine material of aviation, aircraft digital equipment technology and automatic drilling process, robot technology.

**Contact way:** (Telephone) 0571-87953942 (Mail) donghuiyue@zju.edu.cn



**Feng Peien:** Professor, doctoral advisor

**Specialty:** Mechanical design and theory, vehicle engineering

**Research direction:** Design theory and methodology (), generalized optimization design, intellectualization and greenization of engineering machinery, CAD.

**Contact way:** (Telephone) 0571-87951575; (Mail) fpe@zju.edu.cn



**Feng Yixiong:** Professor, doctoral advisor

**Specialty:** Mechanical design and theory

**Research direction:** Theory and method for modern design, design and manufacturing of product digital, big data and cloud technology in design and manufacture.

**Contact way:** (Telephone) 0571-87951273; (Mail) fyxtv@zju.edu.cn



**Fu Xin:** Professor, doctoral advisor

**Specialty:** Mechatronic Engineering

**Research direction:** Microelectronics equipment, micro electro mechanical system, fluid measurement and measurement technique, hydraulic valve noise control.

**Contact way:** (Telephone) 0571-88206450-8063, 87953040; (Mail) xfu@zju.edu.cn



**Fu Jianzhong:** Professor, doctoral advisor

**Specialty:** Mechanical Manufacture and Automation

**Research direction:** High-grade CNC machine tool and CNC technology, precision manufacturing technology, intelligent manufacturing technology and equipment.

**Contact way:** (Telephone) 0571-87951907; (Mail) fjjz@zju.edu.cn



**Fang Qiang:** Researcher, doctoral advisor

**Specialty:** Mechanical Manufacture and Automation

**Research direction:** Real-time field-bus control of electromechanical system, control technology of aircraft digital equipment system, robot technology.

**Contact way:** (Telephone) 0571-87953929; (Mail) fangqiang@zju.edu.cn



**Gan Chunbiao:** Professor, doctoral advisor

**Specialty:** Mechanical Manufacture and Automation

**Research direction:** Mechanical and structural dynamics, random vibration and control, signal processing and fault diagnosis etc.

**Contact way:** (Telephone) 0571-87951924; (Mail) cb\_gan@zju.edu.cn



**Gong Guofang:** Professor, doctoral advisor

**Specialty:** Mechatronic Engineering

**Research direction:** Electro-hydraulic control system integration and performance analysis, energy saving of hydraulic system, hydraulic oil features.

**Contact way:** (Telephone) 0571-87951271-6225; (Mail) gfgong@zju.edu.cn



**Gu Linyi:** Professor, doctoral advisor

**Specialty:** Mechatronic Engineering

**Research direction:** Underwater robot technology and application research.

**Contact way:** (Telephone) 0571-87953028; (Mail) lygu@zju.edu.cn



**Gu Xinjian:** Professor, doctoral advisor

**Specialty:** Mechanical Manufacture and Automation, Industry Engineering

**Research direction:** Mass customization, group technology, knowledge management, manufacturing information, enterprise modeling, network manufacture, advanced manufacturing system, computer integrated manufacturing, machinery manufacturing system engineering, etc.

**Contact way:** (Telephone) 0571-87951794; (Mail) xjgu@zju.edu.cn



**He Wen:** Professor, doctoral advisor

**Specialty:** Mechanical Manufacture and Automation

**Research direction:** Precision vibration measurement technology, vibration test and control technology, vibrating aging technology, ultra-precision environmental technology, mechanical and electronic products technology of vibration

**Contact way:** (Telephone) 0571-87952627; (Mail) hewens@zju.edu.cn



**He Yong:** Professor, doctoral advisor

**Specialty:** Mechanical Manufacture and Automation

**Research direction:** Cell printing, additive manufacturing (3D printing), CNC technology.

**Contact way:** (Telephone) 0571-87951145; (Mail) yongqin@zju.edu.cn



**Hu Liang:** Professor, doctoral advisor

**Specialty:** Mechatronic Engineering

**Research direction:** Fluid detection and control, biology-machinery-electricity integration.

**Contact way:** (Telephone) 0571-87953395; (Mail) cmechuli@zju.edu.cn



**Ji Yangjian:** Professor, doctoral advisor

**Specialty:** Industrial engineering, Mechanical Manufacture and Automation

**Research direction:** Advanced Manufacturing Mode, product system design and optimization, modularization project and informatization, product lifecycle management technology, etc.

**Contact way:** (Telephone) 0571-87953243; (Mail) mejyj@zju.edu.cn



**Jiang Junxia:** Professor, doctoral advisor

**Specialty:** Mechanical Manufacture and Automation

**Research direction:** Intelligent equipment structure design and manufacturing, modern aircraft assembly technology, equipment development of aircraft digital assembly process.

**Contact way:** junxia.jiang@126.com



**Jin Bo:** Professor, doctoral advisor

**Specialty:** Mechatronic Engineering

**Research direction:** Marine equipment technology, electro-hydraulic control components and systems, multi-legged walking robot.

**Contact way:** (Telephone) 0571-87951270; (Mail) bjin@zju.edu.cn



**Ju Bingfeng:** Professor, doctoral advisor

**Specialty:** Mechatronic Engineering

**Research direction:** Precision and ultra-precision measurement technology, detection, control and signal processing, micro-nano devices and system integration technology

**Contact way:** (Telephone) 0571-8795173; (Mail) mbfju@zju.edu.cn



**Ke Yinglin:** Professor, doctoral advisor

**Specialty:** Mechanical Manufacture and Automation

**Research direction:** Advanced manufacturing technology and equipment technology (including: Aircraft digital equipment technology and system, new processing technology of difficult-to-machine material, automatic drilling and riveting technical grade equipment, automatic knitting and layer technology of composites and equipment).

**Contact way:** (Telephone) 0571-87953927; (Mail) y1ke@zju.edu.cn



**Lei Yong:** Professor, doctoral advisor

**Specialty:** Mechatronic Engineering

**Research direction:** Fault diagnosis and intelligent maintenance of networked manufacturing system, special underwater robot, engineering morphology measurement, simulation of minimally invasive surgery process and man-machine interface research.

**Contact way:** (Telephone) 0571-87952274; (Mail) ylei@zju.edu.cn



**Li Xin:** Professor, doctoral advisor  
**Specialty:** Mechatronic Engineering  
**Research direction:** Pneumatic electronic technology research, non-contact adsorption technology, air-suspending transfer of large-scale glass substrate, wall-climbing robot, cyclonic air current.  
**Contact way:** (Telephone) 0571-87952274; (Mail) vortexdoctor@zju.edu.cn



**Li Jituo:** Professor, doctoral advisor  
**Specialty:** Mechanical Design and Theory  
**Research direction:** Product digital design, CAD, computer graphics, human shape simulation robot.  
**Contact way:** jituo\_li@zju.edu.cn



**Li Jiangxiong:** Professor, doctoral advisor  
**Specialty:** Mechanical Manufacture and Automation  
**Research direction:** Aircraft digital equipment technology and system, mechanical CAD, reverse engineering CAD modeling technology and system.  
**Contact way:** (Telephone) 87953926; (Mail) ijsxiong@zju.edu.cn



**Li Wei:** Professor, doctoral advisor  
**Specialty:** Mechatronic Engineering  
**Research direction:** Electromechanical control and testing technology, machinery control systems of renewable energy sources  
**Contact way:** (Telephone) 0571-87951320; (Mail) liw@zju.edu.cn



**Liu Tao:** Professor, doctoral advisor  
**Specialty:** Mechatronic Engineering  
**Research direction:** Wearable sensor technology, human body dynamics analysis and biomechanical information feedback, development and research of exercise rehabilitation robot.  
**Contact way:** (Telephone) 0571-87952274; (Mail) liutao@zju.edu.cn



**Liu Zhenyu:** Professor, doctoral advisor  
**Specialty:** Mechanical Design and Theory  
**Research direction:** Design and manufacturing of product digital, complex equipment modeling simulation and digital prototyping, virtual reality and engineering application, 3D printing design method.  
**Contact way:** (Telephone) 0571-87951273; (Mail) liuzy@zju.edu.cn



**Lu Guodong:** Professor, doctoral advisor  
**Specialty:** Mechanical Design and Theory  
**Research direction:** Engineering drawing computer understanding, computer graphics, CAD of mechanical products and flexible products, enterprise informatization  
**Contact way:** (Telephone) 0571-88981178; (Mail) lugd@zju.edu.cn



**Mei Deqing:** Professor, doctoral advisor  
**Specialty:** Mechanical Manufacture and Automation  
**Research direction:** Micro-forming and new energy manufacturing, micro electro mechanical system and biological manufacturing.  
**Contact way:** (Telephone) 0571-87951906; (Mail) medqmei@zju.edu.cn



**Pan Xiaohong** : Professor, doctoral advisor  
**Specialty:** Mechanical Manufacture and Automation, Industry Engineering  
**Research direction:** Mechanical Manufacture and Automation, Industry Engineering  
**Contact way:** (Telephone) 0571-87952482; (Mail) pan\_xh@zju.edu.cn



**Ruan Xiaodong**: Professor, doctoral advisor  
**Specialty:** Mechatronic Engineering  
**Research direction:** Research for fluid mechanics application, biology-machinery-electricity system, hydraulic design of turbomachinery, flow measurement technology.  
**Contact way:** (Telephone) 0571-87953392; (Mail) xdruan@zju.edu.cn



**Song Xiaowen**: Professor, doctoral advisor  
**Specialty:** Mechanical design and theory, vehicle engineering  
**Research direction:** Design theory method and technology for general optimization of engineering machinery, vehicle digital design and bodywork aerodynamics optimization, simulation platform technology of virtual reality and its application.  
**Contact way:** (Telephone) 0571-87951149; (Mail) songxw@zju.edu.cn



**Tang Renzhong**: Professor, doctoral advisor  
**Specialty:** Mechanical Manufacture and Automation, Industry Engineering  
**Research direction:** Enterprise information and management, lean production and process management, advanced manufacturing technology.  
**Contact way:** (Telephone) 0571-87952048; (Mail) tangrz@zju.edu.cn



**Tao Guoliang**: Professor, doctoral advisor  
**Specialty:** Mechatronic Engineering  
**Research direction:** Pneumatic electronic technology, industrial automation, automation test.  
**Contact way:** (Telephone) 0571-87951318; (Mail) gltao@zju.edu.cn



**Tong Shuiguang**: Professor, doctoral advisor  
**Specialty:** Mechanical Design and Theory  
**Research direction:** Water dynamics research of high-speed amphibious vehicle and its overwater propelling system, hydrodynamics problem research of hydraulic transmission system, complex multiphase flow phenomena research and application research.  
**Contact way:** (Telephone) 0571-87951209; (Mail) cetongsg@zju.edu.cn



**Wang Jiugen**: Professor, doctoral advisor  
**Specialty:** Mechanical Design and Theory  
**Research direction:** Tribology, bionic mechanics, mechanical design informatics.  
**Contact way:** (Telephone) 0571-87951209; (Mail) me\_jg@zju.edu.cn



**Wang Linxiang**: Professor, doctoral advisor  
**Specialty:** Mechanical Design and Theory  
**Research direction:** Simulation and control of intelligent structures and systems, intelligent driving and sensing, semi-active damping, bionic system modeling and numerical analysis.  
**Contact way:** (Telephone) 0571-87951209; (Mail) wanglx@zju.edu.cn



**Wang Feng:** Researcher, doctoral advisor

**Specialty:** Mechatronic Engineering

**Research direction:** Hydraulic hybrid, digital hydraulic technology, wind power transmission control system.

**Contact way:** (Telephone) 18268160612; (Mail) dieter@zju.edu.cn



**Wang Qing:** Professor, doctoral advisor

**Specialty:** Mechanical Manufacture and Automation

**Research direction:** Technology and system of aircraft digital assembly; Deviation modeling and tolerance analysis of aircraft assembly; Reverse engineering CAD modeling technology and system.

**Contact way:** (telephone) 0571-87953926; (Mail) wqing@zju.edu.cn



**Wang Qingfeng:** Professor, doctoral advisor

**Specialty:** Mechatronic Engineering

**Research direction:** Electrohydraulic control and energy saving, hybrid power system of engineering machinery, electromechanical system control.

**Contact way:** (Telephone) 0571-87951498; (Mail) qfwang@zju.edu.cn



**Wang Xuanyin:** Professor, doctoral advisor

**Specialty:** Mechatronic Engineering

**Research direction:** Electro-hydraulic servo control with multi-degree of freedom, ultrahigh pressure pneumatic components and system, intelligent machine and graphic information techniques.

**Contact way:** (Telephone) 0571-87953019; (Mail) xywang@3zju.edu.cn



**Wei Jianhua:** Professor, doctoral advisor

**Specialty:** Mechatronic Engineering

**Research direction:** Electro-hydraulic control device and system, electro-hydraulic control engineering of great equipment, electro-hydraulic control theory and application of engineering machinery.

**Contact way:** (Telephone) 0571-87953126; (Mail) jhwei@zju.edu.cn



**Wei Yanding:** Professor, doctoral advisor

**Specialty:** Mechanical Manufacture and Automation

**Research direction:** Intelligent structure and vibration control (including the piezoelectricity, giant magnetostrictive material driving), detection, control and signal processing, machinery dynamics, optical- mechanical- electrical integration, semi-physical virtual simulation of vehicle.

**Contact way:** (Telephone) 0571-87953851; (Mail) weiycd@zju.edu.cn



**Wu Yijie:** Professor, doctoral advisor

**Specialty:** Mechanical Manufacture and Automation

**Research direction:** CNC technology of mechanical-electrical integration (including high-speed high-precision CNC system technology, microfabrication technique, special CNC equipment), precision driving technology (design, control and test technology of precision driving mechanism of giant magnetostrictive material and other intelligent material), automation and integration technology (CAD/CAE/CAM and integration technology) for product design and manufacturing.

**Contact way:** (Telephone) 0571-87952569; (Mail) wyj1116@zju.edu.cn



**Wu Shijun:** Professor, doctoral advisor

**Specialty:** Mechatronic Engineering

**Research direction:** Deep sea electromechanical equipment technology (including the truth-preserving sampling, in-situ detection and hydrothermal fluid power generation)

**Contact way:** (Telephone) 0571-87953096; (Mail) bluewater@zju.edu.cn



**Xie Jin:** Professor, doctoral advisor  
**Specialty:** Mechatronic Engineering  
**Research direction:** Design and processing of micro electromechanical system (MEMS), vibration and acoustics measurement, precision measurement technology.  
**Contact way:** (Telephone) 0571-87952226-6407; (Mail) xiejin@zju.edu.cn



**Xie Haibo:** Professor, doctoral advisor  
**Specialty:** Mechatronic Engineering  
**Research direction:** Hydraulic component and system of engineering machinery, high-frequency electro-hydraulic servo control, flexible manipulator for hydraulic driving.  
**Contact way:** (Telephone) 0571-87952274; (Mail) hbxie@zju.edu.cn



**Xu Bing:** Professor, doctoral advisor  
**Specialty:** Mechatronic Engineering  
**Research direction:** Research of hydraulic component and electromechanical control system, electromechanical hydraulic control system and equipment design.  
**Contact way:** (Telephone) 0571-87951387; (Mail) bxu@zju.edu.cn



**Xu Jinghua:** Professor, doctoral advisor  
**Specialty:** Mechatronic Engineering  
**Research direction:** Modern mechanism design and equipment digital prototype.  
**Contact way:** (Telephone) 0571-87951273; (Mail) xujh@zju.edu.cn



**Yang Canjun:** Professor, doctoral advisor  
**Specialty:** Mechatronic Engineering  
**Research direction:** Marine electromechanical device, wearable exoskeleton robot, bio-robot.  
**Contact way:** (Telephone) 0571-879551271-6318; (Mail) ycj@zju.edu.cn



**Yang Jiangxin:** Professor, doctoral advisor  
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**Yang Keji:** Professor, doctoral advisor  
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**Yao Bin:** Professor, doctoral advisor  
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**Yin Jun:** Researcher, doctoral advisor  
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**Yu Zhonghua:** Professor, doctoral advisor  
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**Research direction:** Quality inspection and control (including digital testing instrument, process quality monitoring technology based on network), quality and reliability engineering (including the Design for Quality, robust design, six sigma management, man-machine system reliability, etc.), manufacturing informatization technology (including the integration quality system, knowledge management, product lifecycle management).  
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**Zhang Shuyou:** Professor, doctoral advisor  
**Specialty:** Mechanical Design and Theory  
**Research direction:** Design and analysis of product digital, green design of complex assembly, informatization of manufacturing industry, computer graphics.  
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**Zhao Ming:** Professor, doctoral advisor  
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**Research direction:** Digital and intellectualization for molding and processing of lining, characterization and regulation of polymer microstructure and morphology, design and manufacture of macromolecule devices with special function.  
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**Zhou Hua:** Professor, doctoral advisor  
**Specialty:** Mechatronic Engineering  
**Research direction:** Water hydraulics technology, electrohydraulic control system, ship hydraulic and its damping and noise reduction technology.  
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**Zhou Xiaojun:** Professor, doctoral advisor  
**Specialty:** Mechanical Manufacture and Automation, vehicle engineering  
**Research direction:** Manufacturing automation and optical- mechanical- electrical integration, detection, information processing and quality guarantee, vehicle test and manufacturing automation.  
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**Zou Jun:** Professor, doctoral advisor  
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2016-2017 autumn&winter semester calendar of ZJU

	暑假		九月		十月		秋学期		十一月		十二月		冬学期		一月		寒假									
	八月		短学期		一		二		三		四		五		六		七		八		九		十			
星期一	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23
星期二	2	9	16	23	30	6	13	20	27	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24
星期三	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11	18	25
星期四	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26
星期五	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11	18	25	2	9	16	23	30	6	13	20	27
星期六	6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28
星期日	7	14	21	28	4	11	18	25	2	9	16	23	30	6	13	20	27	4	11	18	25	1	8	15	22	29

法定节假日  
周末、寒假、暑假  
春节、寒假、暑假

\*2017年国家法定节假日安排，以学校发布的通知为准。

# 2016-2017 spring&summer semester calendar of ZJU

	寒假		二月		三月		春学期		四月		五月		夏学期		六月		暑假				
	一	二	三	四	五	六	七	八	九	一	二	三	四	五	六	七	八	九	小学期		
星期一	30	6	13	20	27	6	13	20	27	3	10	17	24	1	8	15	22	29	3	10	17
星期二	31	7	14	21	28	7	14	21	28	4	11	18	25	2	9	16	23	30	6	13	20
星期三	1	8	15	22	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21
星期四	2	9	16	23	2	9	16	23	30	6	13	20	27	4	11	18	25	1	8	15	22
星期五	3	10	17	24	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23
星期六	4	11	18	25	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24
星期日	5	12	19	26	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11	18	25

2017年

2月24日 本科生、研究生报到注册，春季入学博士生报到注册  
 2月27日 春学期开始上课  
 3月24日-30日 春季研究生毕业教育及离校（3月30日春季毕业典礼）  
 4月4日 清明节放假  
 4月22日-26日 春学期考试（本科生4月24日-26日）

时段	节次	星期一					星期二					星期三					星期四					星期五					星期六					上课时间
		一	二	三	四	五	六	七	八	九	一	二	三	四	五	六	七	八	九	一	二	三	四	五	六	七	八	九	一			
上午	1																														8:00—8:45	
	2																														8:50—9:35	
	3																														9:50—10:35	
	4																														10:40—11:25	
	5																														11:30—12:15	
	6																														13:15—14:00	
	7																														14:05—14:50	
下午	8																														14:55—15:40	
	9																														15:55—16:40	
	10																														16:45—17:30	
	11																														18:30—19:15	
晚上	12																														19:20—20:05	
	13																														20:10—20:55	

法定节假日  
 周末  
 寒假、暑假

\*2017年国家法定节假日安排，以国务院正式通知为准。  
 \*2017年国家法定节假日安排，以学校发布的通知为准。

# the Anthem of Zhejiang University

马一浮词

应尚能曲

D 调平

3 3 3 | 5 - 1 | 2 - 4 | 3 - 5 | 6 5 4 | 6 - 0 |  
大不自多, 海纳江河。惟学无际,

6 7 6 | 5 - 5 | 1 - 7 6 | 5 · 4 3 | 6 2 3 |  
际于天 地。形上谓道兮, 形下谓

2 - 0 | 3 3 6 | 6 · 5 5 | 5 5 1 | 7 - 7 1 |  
器。礼主别异兮, 乐主和同。知其

2 1 7 6 5 | 2 6 7 | 1 - · | 3 3 3 | 5 - 1 | 2 - 4 |  
不二兮, 尔听斯聪。国有成均, 在浙之

3 - · | 3 3 3 | 6 - 4 4 | 2 - 1 | 2 - 0 | 6 6 7 |  
滨。昔言求是, 实启尔求真。习坎示

1 - 7 6 | 5 - 4 | 3 - 1 | 6 6 6 2 | 5 5 5 1 |  
教, 始见经纶。无曰已是, 无曰遂真靡

4 4 4 5 | 3 2 2 - | 1 2 3 | 5 4 3 4 | 5 6 7 1 |  
革匪因, 靡故匪新。何以新之, 开物前民。嗟

2 1 7 6 5 | 2 6 7 | 1 - 0 | 3 3 3 | 5 - 1 | 2 - 4 |  
尔髦士, 尚其有闻。念哉典学, 思睿观

3 - 5 | 5 - 5 | 6 - 7 | 1 7 6 | 5 - 5 | 1 - 7 6 |  
通。有文有质, 有农有工。兼总条

5 - 3 | 6 2 3 | 2 - 2 | 3 · 2 3 | 4 - 3 | 4 · 3 4 |  
贯, 知至知终。成章乃达, 若金之在

5 - 4 | 5 · 4 5 | 6 - 5 | 6 · 5 6 | 7 - 0 |  
熔。尚亨于野, 无吝于宗。

2 1 7 6 5 4 | 3 - 0 | 2 6 7 | 1 - 0 |  
树我邦国, 天下来同。

## The English Translation of the Words of the Zhejiang University Anthem

The vast sea contains all streams, all rivers;  
Great learning connects Heaven and Earth.  
Metaphysical is Tao; instrumental is Tool.  
Rites tell people apart; Music gets them together.  
To know their relations would make us ever brighter.

There's a national university standing by River Qiantang,  
Whose eternal philosophy is seeking truth from facts.  
Progressive education can produce those able to govern;  
Never say you know the essence, let alone the truth.  
Reform is necessary, and renewal is a must;  
To be a vanguard is to be both creative and innovative;  
Dear young vanguards should be clear of the principles.

Be devoted to study, deep in thinking and good in understanding;  
We offer arts, science, agriculture, technology, and beyond;  
It needs you to know them all -- their origins and applications.  
To become successful people will be like true gold to be made;  
To give up fractional views we're of far sight and broad mind;  
To rejuvenate our great nation is to harmonize the whole world.



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