
Training Programs

apply to academic graduate students
enrolled after 2014



Graduate School of Xiamen University

September, 2014



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Basic Requirements for the Revision of the Training Programs for Academic Graduate Students of Xiamen University

In order to implement the ‘On Deepening the Reform of Postgraduate Education’ jointly released by the Ministry of Education, the National Development and Reform Commission and the Ministry of Finance, to adapt to the need of building an innovative country rich in human resources, to deepen the reform and innovation of postgraduate education, and to further improve the quality of postgraduate education, Xiamen University hereby decides to revise the training programs for academic graduate students.

I. Guiding Principles

The training programs shall specify the training objectives, the course system and the specific training parts, follow the laws of postgraduate education, adopt innovative educational modes, reflect the features and the academic background of the disciplines, and highlight individualized training and refer to the training programs of the first-class disciplines of national and international universities. The formulation and revision of the programs shall focus on research, comply with the laws of postgraduate education and be conducted according to the principles of



master-doctor integration, the first-class-discipline orientation, cross-disciplinary education and resources sharing.

The formulation and revision of the training programs shall make comprehensive arrangements for both postgraduate education and doctoral education, strengthen the combination of learning and scientific research, enhance the cultivation of innovative ability and explore distinctive training modes adhering to the principle of improving the innovative ability of graduate students. It shall be emphasized that candidates receive systematic scientific research training. Individual schools and colleges shall encourage candidates to participate in high-level and leading-edge scientific research and provide necessary support, and promote the education of candidates with the ability to conduct high-level scientific research. Cross-disciplinary education shall be encouraged. Candidates are encouraged to be engaged in academic communication and international cooperation, broadening their academic horizon and stimulating their innovative thinking.

II. Basic Principles

1. Focus on research and complying with the laws of postgraduate education. It shall be highlighted that the education of academic candidates shall be primarily targeted at research conduction and draw upon the achievements and the philosophy of internationalization. Each discipline shall make scientific and systematic evaluation and assessment of their training programs, boldly learn from prestigious national and international universities the advanced methods of postgraduate education and management modes, and optimize and regulate the postgraduate education process. The training programs of 3 to 5 first-class disciplines of national and/or international universities shall be followed up on. Each discipline shall develop training programs that comply with the laws of postgraduate education.

2. The principle of master-doctor integration. Each discipline shall respect the principle of integrated training on the basis of accurate positioning at different educational phases, comprehensively and scientifically arrange and design curricula for different levels of education, allocate teaching and training resources for postgraduate and doctoral education, and avoid repetitive and/or oversimplified knowledge instructions. Courses completed during the postgraduate study can be exempted during the doctoral study.

3. The first-class-discipline principle. In terms of the revision of training programs, each discipline shall take comprehensive consideration of first-class or second-class disciplines. The programs shall be designed and developed according to first-class disciplines.



4. The principle of resource sharing. The revision of training programs shall truly reflect the role that the overall strength of the disciplines play in postgraduate education. Candidates shall be given the opportunity to get in contact with the best-qualified teachers of the disciplines and to have access to the teaching resources of different curricula and lab resources. The individual departments of the college or school shall actively and extensively share resources and conduct inter-department cooperation. Resources of the first-class disciplines beyond colleges shall be provided as well. The university encourages and promotes the sharing of teaching resources, and lab resources among first-class disciplines and colleges.

5. The principle of cross-disciplinary education. Cross-disciplinary education is encouraged with the aim of broadening students' horizon and spurring creative thinking. Especially for cross-disciplinary programs, the advantages of disciplinary integration shall be truly reflected in the design and development of course systems, educational processes and supervisor instructions.

III. Main Contents and Related Requirements

A. Training objectives

Each discipline shall determine the training objectives that are suitable for the discipline. They shall be determined in accordance with the characteristics and the development level of the discipline.

1. The basic training objectives for MA candidates:

- (1) Candidates shall grasp basic theories and expertise required.
- (2) Candidates shall have the ability of conducting scientific research and solving practical problems.
- (3) Candidates shall be able to use foreign language for academic research and academic communication.

2. The basic objectives of PhD candidates:

- (1) Candidates shall grasp solid and extensive basic stories and systematic and profound expertise.
- (2) Candidates shall be of the ability to be engaged in scientific research independently and creatively.



(3) Candidates shall develop an international view and be actively engaged in international academic exchange and cooperation.

The aforementioned basic objectives for the training and cultivation of graduate students are mainly set in accordance with the national regulations vis-à-vis degree conferment and keep abreast with the times.

B. Duration of schooling

The duration of schooling is 4 years for PhDs (inclusive of the doctoral stage of MA-PhD programs), 5 years for candidates under the Bachelor-MA-PhD program, 2-3years for MAs.

The duration of schooling for PhDs shall not exceed 7 years, 8 years for candidates under the Bachelor-MA-PhD program, and 5 years for MAs.

Candidates having completed ahead of schedule all required courses of the training program and the degree thesis that meets the requirements are allowed to apply for the thesis defense, graduation and degree conferment ahead of schedule. Specific standards and regulations shall be formulated by each discipline

C. Research directions

For each research direction, there shall be well-established research areas, academic leaders and an academic echelon with a reasonable structure and a solid foundation in scientific research and relevant research achievements. Relative courses shall be set for each research direction, and necessary research funds and corresponding material conditions shall be provided.

D. Education methods

The combination of course learning and thesis research is applied in postgraduate education. Candidates shall systematically grasp the theories in the disciplinary fields and develop the ability of analyzing and solving problems through course learning and research conduction. The combination of individual supervisor supervision and the supervisor group supervision is applied in postgraduate education.

For PhD education, course learning, social practice, scientific research, academic research and other relevant procedures shall be properly arranged and organized. The emphasis shall be laid on developing true scholarship, exploratory spirit and the ability of conducting scientific research independently and the innovative competence. The system of supervisor group supervision is



encouraged. All the above-mentioned considerations are of vital significance to the promotion of the overall level of postgraduate education in our university.

Each college and discipline shall take into consideration the characteristics of the discipline, learn from the prestigious universities abroad, conduct exploring researches regarding the national development, adopt flexible, various and effective educational methods, improve the educational quality, and better satisfy the needs of social and economic development for advanced personnel.

(5) Curricula provision

Each discipline shall establish a scientific curriculum system with distinct gradation between masters and PhDs with a reasonably controlled number of courses. Courses completed in the master period can be exempted in the doctoral study. Detailed requirements shall be formulated by each discipline.

There are compulsory and optional courses. Compulsory courses include university-level or college-level common courses, core courses, and first-class disciplinary courses, etc. Candidates are required to complete the common compulsory courses on political theories and foreign languages.

The curriculum provision for masters shall reflect basic theories, professional knowledge and relevant skills and methods, required by the corresponding disciplinary program.

The curriculum provision for PhDs shall correspond to the general principle of broadness and deepness. PhDs shall complete their courses study within 0.5-1 year. Candidates under the Bachelor-Master-PhD program shall complete their courses study within 1.5 years.

(6) Other Academic Sections

It includes on-line tests for norms of academic and research conduct, social practice, academic lectures, literature review and reports, thesis proposal report, seminars on periodical progress of thesis writing (PhD), and qualification tests (PhD).

1. Each college (institute) shall unify its requirements among its subordinated departments.
2. Laboratory Security Education, Academic Morality Education, Scientific Papers Reading and Thesis Writing, English Papers Writing shall all be provided in the form of courses, being excluded from the Other Academic Sections.



3. Academic lectures (including seminars) attendance is compulsory for both MA and PhD candidates. MA candidates shall generally attend at least 10 academic lectures. Candidates who attend fewer than 10 academic lectures get 0 credits; candidates who attend 10-20 lectures get 0.5 credits; and candidates who attend 20 lectures get 1 credit. Individual colleges and institutes can set higher requirements on the frequency of the attendance. This section shall be distributed with no more than 2 credits.

4. Mid-term assessment (including the qualification test and the comprehensive test) is compulsory for PhDs. 1 credit is counted.

5. Individual colleges and institutes have the right to decide whether Literature Review and Research Reports (including workshops, seminars, etc.) shall be compulsory and be distributed with credits correspondingly. The thesis proposal examination can be combined with mid-term assessment; individual colleges and institutes have the right to decide whether it shall be compulsory and be distributed with credits.

6. As for the mock viva, individual colleges and institutes have the right to decide whether it shall be compulsory and be distributed with credits correspondingly.

7. Social practice (including social investigation, field investigation, volunteering services, etc.), as a compulsory section for PhDs of humanities and social sciences, shall be distributed with at least 1 credit. No less than 3 weeks shall be allocated. Generally speaking, credits granted shall be no more than 2 for this section.

(7) Credits

Credit counting: 16-18 hours for 1 credit for both spring and fall semester courses; 15 hours for 1 credit for summer term courses.



■ Masters (excluding foreign candidates): masters of Medical Science, and masters of Science and Engineering, shall obtain at least 22-24 credits, and masters of Humanities and Social Sciences shall obtain at least 26-28 credits; of all the credits, 4 credits shall be allocated for common courses, and 2 credits for other academic sections.

Types		Courses		Remarks	Credits
Compulsory Courses	Common Courses	Political Theories	Research on the Theory and Practice of Socialism with Chinese Characteristics	Compulsory	1
			Dialectics of Nature	1 out of 2, Compulsory	1
		Marxism and Methodology of Social Science			
	Foreign Languages	Generally speaking, it is the language of English. Candidates who take other languages as their foreign languages during the entrance examination shall take corresponding courses.	Compulsory	2	
	Professional Courses	Formulated by different disciplines			
Optional Courses		Formulated by different disciplines			
Other Academic Sections		Academic Lectures		Compulsory	Formulated by different disciplines. At least 2 credits shall be allocated for the section.
		Mid-term Assessment			
		Literature Review and Research Reports			
		Thesis Proposal			
		Social Practice			
		Mock Viva			
		Inter-campus Exchange and Communication			



■ PhDs shall complete at least 12 credits, including 2 credits for compulsory common courses and another 2 credits for other academic sections.

Types		Courses		Remarks	Credits
Compulsory Courses	Common Courses	Political Theories	Marxism and Contemporary China	Compulsory	2
	Professional Courses	Formulated by different disciplines			
Optional Courses		Formulated by different disciplines			
Other Academic Sections		Mid-term Assessment		Compulsory	1
		Social Practice		Compulsory for PhDs of Humanities and Social Sciences	1
		Academic Lectures		Compulsory	Formulated by different disciplines
		Literature Review and Research Reports			
		Thesis Proposal			
		Mock Viva			
		Teaching Practice			
Inter-campus Exchange and Communication					

■ Candidates under the Bachelor-Master-PhD program shall accumulate at least 28 credits, 5 of which for compulsory common courses, and 2 for other academic sections. The compulsory common courses include Marxism and Contemporary China (2 credits), Dialectics of Nature (2 credits), and Foreign Languages (1 credit).

■ Requirements on credits and courses for PhDs under the Master-PhD program are the same as general PhDs, except that they can be exempted from the political theories courses. Credit discrepancy shall be covered with credits for other selective courses.

■ Programs instructed in English for masters and PhDs cultivated can be formulated independently based on the actual situation of specific disciplines. Masters under such programs



shall accumulate at least 22 credits, and PhDs at least 12 credits. Of the credits, 4 credits shall be allocated for 2 compulsory common courses offered by the Graduate School: Chinese (2 credits) and General Introduction to China (2 credits). Colleges (institutes) have the right to decide whether to include “Other Academic Sections” and corresponding credit distributions into the training program.

(8) The thesis

The thesis is a significant part of the postgraduate cultivation, and a main way to develop postgraduates’ research ability. Candidates are demanded to complete the thesis independently under the guidance of the supervisor(s). The thesis shall be a reflection of the candidate’s achievements and completion of all the requirements set by the program.

Requirements on academic publications shall be decided by the Academic Degree Evaluation Committee of each college (institute) in accordance with the Regulations on Postgraduates’ Academic Publications of Xiamen University and specific requirements and regulations of individual colleges and institutes. Detailed requirements shall be included into the program. Colleges (institutes) are encouraged to set higher requirements on postgraduates’ academic publications.

Requirements on scientific research for postgraduates are formulated by the Steering Committee of Postgraduates Cultivation of Xiamen University.



Graduate Program for Chinese Language and Literature

School	College of Humanities	Student Type	Master & PhD				
Discipline	Chinese Language and Literature	Discipline Code	0501				
Subject included	Theory of Literature and Art (050101);Linguistics and Applied Linguistics(050102);Chinese Philology (050103); Chinese Classical Text(050104);Classical Chinese Literature (050105);Chinese Modern and Contemporary Literature(050106);Comparative and World Literature(050108)						
Duration	Master 3 years; PhD 4 years						
Credit Requirements	Master ≥ 28 credits: ≥ 26 credits for courses, 2 credits for other academic sections.						
	PhD ≥ 14 credits: ≥ 10 credits for courses, 4 credits for other academic sections.						
Program Objectives	<p>Basic goals for PhD:</p> <ol style="list-style-type: none"> 1. To comprehensively grasp relevant knowledge of the discipline, to be fully aware of the trends of the field, and to develop innovation abilities and research capacity. 2. To be able to independently engage in teaching and scientific research in colleges and universities, research institutes and other relevant organizations. 3. To develop a rigorous attitude towards scholarship, and to possess academic morality and spirit. <p>Basic goals for master:</p> <ol style="list-style-type: none"> 1. To systematically master the basic theories of the discipline, to develop analytical capabilities in problem-solving, and to improve abilities in academic writing. 2. To be able to read related literature and to do research in at least one foreign language. 3. To be qualified for teaching, scientific research, secretarial service, journalism, etc. 						
Requirements of Research Ability and Other Aspects	<p>PhD:</p> <ol style="list-style-type: none"> 1. Ability to independently conduct academic research and to conduct academic writing; 2. Academic innovation awareness and ability. <p>Master:</p> <ol style="list-style-type: none"> 1. Profound understanding on classical works of the discipline and to be able to conduct in-depth research; 2. Skillfulness in searching for, collecting, processing and utilizing data; 3. Ability to independently complete a graduation thesis with a reasonable structure and clear and strong arguments. 						
Curriculum							
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course	Course Name	Credit	Semester	Master	PhD	Remarks



	Code						
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	The First Foreign Language	2	SP/FA	C	O	
	000010102	Study on the Theory and Practice of Chinese Characteristic Socialism	1	SP/FA	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
Compulsory Courses: Master <u>≥7</u> credits, PhD <u>≥5</u> credits	010110001	Academic English 1	2	SP/FA	C		C for candidates of Literature
	010110002	Academic English 2	2	SP/FA	C		C for candidates of Linguistics
	010110003	Research methodology and thesis writing	3	SP	C		
	010110004	The Contemporary Academic Trend	3	FA	O	C	
	010212001	The Frontier of the Science of History	2		O	O	
	010212004	The Methodology of Scientific Research	2		O	O	
	010212005	The Theory and Practices of Fieldwork	2		O	O	
Optional Courses	010120001	Study on Aesthetics	3	SP	O		
	010120002	The Study of Western Modern Literary Theory	3	FA	O		
	010120003	Post Modernism Literary Theory	2	FA	O		
	010120004	Selected Readings of Western classical Aesthetics	2	SP	O		
	010120005	Chinese classical Aesthetics	2	SP	O		
	010120006	Methods of Literature criticism Theory	2	SP	O		
	010120007	Methodology of Applied Linguistics Theory	3	SP	O		



010120008	Sociolinguistics	2	FA	O		
010120009	Lexicology	2	FA	O		
010120010	Computational Linguistics	2	FA	O		
010120011	Textbooks of Teaching Chinese as a Second Language	2	SP	O		
010120012	Historical Comparative Linguistics	2	SP	O		
010120013	Dialect and Phonology	3	FA	O		
010120014	China Philology	3	FA	O		
010120015	Chinese grammar	3	FA	O		
010120016	Pronunciation and Language Investigation	2	SP	O		
010120017	Topics on pre-modern Chinese Lexicology	2	SP	O		
010120018	Topics on Chinese Dialects	2	SP	O		
010120019	Contemporary Syntactic Theory	2	SP	O		
010120020	Topics on early-Tang Literature	2	FA	O		
010120021	The monographic studies of literature in Tang and Song Dynasties	2	FA	O		
010120022	The monographic studies of literature in Ming and Qing Dynasties	2	SP	O		
010120023	Chinese Classical Texts	3	SP	O		
010120024	The spread and acceptance of Chinese ancient poetry	2	FA	O		
010120025	Study on the writers of the Six Dynasties	2	SP	O		
010120026	Bibliography and Academic Origin	2	SP	O		
010120027	Studies of ancient Ci	2	FA	O		
010120028	Historical Data of China contemporary literature	2		O		
010120029	Seminar on Chinese modern literature	2		O		



	010120030	Seminar on China contemporary literature	2		O		
	010120031	Study of Overseas Chinese Literature	2		O		
	010120032	The history of Chinese women's writing / feminist theories and thoughts	2	FA	O		
	010120033	Chinese modernity and post modernity culture	2		O		
	010120034	China modern classical novel	2		O		
	010120035	Study on the new poetry China	2	SP	O		
	010120036	The contemporary European and American Literature and its methodology in ecological perspective	3	SP	O		
	010120037	The contemporary American literature	3	SP	O		
	010120038	Topics on Russian Literature in twentieth Century	3	FA	O		
	010120039	Reading and translation of English classical literary	2	FA	O		
	010120040	The literature and culture of Medieval European	2	SP	O		
	010120041	Narratology	2	SP	O		
	010120050	Frontier Theory of Aesthetic study	3	FA	O	O	C for PhD of Literary Theory
	010120051	The frontier study of Chinese ancient literature	3	FA	O	O	C for PhD of Chinese Classical Literature
	010120052	Dynamic study of Chinese modern and contemporary literature	3	FA	O	O	C for PhD of Modern and Contemporary Literature



	010120053	The frontier research of Applied Linguistics	3	FA	O	O	C for PhD of Linguistics
	010120054	The history of Chinese philology inside and outside of China	3	FA	O	O	C for PhD of Chinese Philology
	010120055	Ecological criticism	3	FA	O	O	C for PhD of Comparative Literature
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by individual programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements				Evaluation (Ways and Time)
Academic Lectures	C	1	Candidates are required to attend at least 20 lectures.				Candidates are required to sign in for lectured attended.
Mid-term Assessment	C for PhD	1	It is decided by the vote cast by the evaluation team on the candidate's performance during the QA interview about books on the intensive reading booklist. Candidates who fail can apply for the assessment again in the following year. Candidates are required to pass the assessment before they proceed to the thesis proposal.				It is held in the third semester.
Literature Review and Research Report	C for PhDs	1	Candidates are required to deliver one academic report every academic year.				Candidates are examined by the authorized committee.
Thesis Proposal	C	0	Candidates are required to complete a thesis proposal with a detailed outline and get approved by the supervisor before submitting it to the examination committee for thesis proposal examination. The written thesis proposal ought to cover: title of the thesis, content introduction, academic significance, outline, working schedule, and bibliography. Candidates shall prove that the thesis has academic significance and he/she is capable of completing the thesis as scheduled.				For masters, the examination is held in the middle of the third semester; For PhDs, the examination is held at the beginning of the fourth semester.



			Both masters and PhDs have to pass the mock viva before they proceed to work on their thesis and to apply for the thesis defense.	
Social Practice	C for PhDs	1	Candidates shall conduct social investigation and survey, field work, and/or volunteer services for at least 3 weeks.	
Teaching Practice	C for masters	1	In the third or fourth semester, under the guidance of the supervisor, candidates are required to give lessons to undergraduates for 1-2 teaching hours.	
Inter-Campus Communication and Exchange	O	0	Candidates are encouraged to participate in major-related academic exchange programs and activities.	
Thesis	<p>The basic requirements for the master thesis:</p> <p>1.The basic arguments, conclusions and suggestions for future study shall be of theoretical significance and/or practical value; 2.The content of the thesis should reflect the candidate's professional knowledge of basic theories and the system of the discipline; 3.The candidate shall have mastered the methodology and skills of doing research, and have acquired the abilities in doing scientific research or undertaking a specialized technical work; 4.The thesis shall shed new lights onto research in the future. Master degree thesis shall contain at least 30,000 characters. The deadline for submission is the end of March of the third academic year.</p> <p>The basic requirements for the PhD thesis:</p> <p>1. The basic arguments, conclusions and suggestions for future study should be of high theoretical significance and practical value; 2. The candidate shall have well mastered a professional knowledge of basic theories and the system of the discipline; 3.The candidate shall have mastered research methodology and skills of the research area, and have the ability to undertake scientific research; 4. The thesis should be creative and contributable to scientific research. PhD thesis shall contain at least 50,000 characters.The deadline of copy printing is the end of March of the fourth academic year.</p> <p>If the thesis is written in non-Chinese, a translated copy in Chinese shall be submitted at the same time. A thesis generally consists of the following parts: preface, experiment and calculation, fact and theoretical analysis, references, etc. An abstract and keywords in both Chinese and other languages are also required of. In terms of scientific arguments, there shall be theoretical proof or experimental verification, and rigorous description of the feasibility of the methodology adopted. References and quotes shall be faithful to the original material, and be noted in the thesis. The employment of cooperative research results shall be clearly noted. Language shall be concise, clear and coherent, tables and charts be tidy and neat.</p>			
Major References and Journals (C-Compulsory ; O-Optional)				
No	Title	Author	Evaluation*	Remarks (C or O)



1	Language planning from practice to theory. Clevedon: Multilingual Matters Ltd, 1997.	Kaplan, R. B., & Baldauf, R. B.	Combined with the research proposal or the comprehensive examination in this discipline	O
2	Interdisciplinary Studies in Literature and Environment	International Journal of this discipline	Writing a report	C
3	The Song of the Earth	Jonathan Bate	Combined with the research proposal or the comprehensive examination in this discipline	C
4	Ecologism: An Introduction	Brian Baxter	Combined with the research proposal or the comprehensive examination in this discipline	C
5	The Future of Environmental Criticism	Lawrence Buell	Combined with the research proposal or the comprehensive examination in this discipline	C
6	Deep Ecology: Living as if Nature Mattered	Bill Devall & George Sessions	Combined with the research proposal or the comprehensive examination in 7 this discipline	C
7	The Ecocriticism Reader	Cheryll Glotfelty, Harold Fromm	Combined with the research proposal or the comprehensive examination in this discipline	C
8	Ecological Thought: An Introduction	Tim Hayward	Combined with the research proposal or the comprehensive examination in this discipline	C
9	Nature's Web: An Exploration of Ecological Thinking	Peter Marshall	Combined with the research proposal or the comprehensive examination in this discipline	C
10	The Ecological Self	Freya Mathews	Combined with the research proposal or the comprehensive examination in this discipline	C
11	Going Away to Think; Engagement, Retreat, and Ecocritical Responsibility	Scott Slovic	Combined with the research proposal or the comprehensive examination in this discipline	C



- Evaluation ways:
1. Examination: Knowledge of references and journals to be covered on the examination;
 2. Examination on thesis proposal or comprehensive examination;
 3. Reading Report;
 4. Other specific ways.



Graduate Program for Art

School	College of Humanities	Student Type	Master				
Discipline	Arts	Discipline Code	1301				
Subject included	Theory of Art (130101)						
Length of Study	Master 3 years						
Credit Requirements	Master \geq 26 credits: \geq 24credits for courses, 2credits for other academic sections.						
Program Objectives	<p>Basic goals for master:</p> <ol style="list-style-type: none"> 1. To systematically master the basic theories of the discipline, to develop analytical capabilities in problem-solving, and to improve abilities in academic writing; 2. To be able to read related literature and to do research in at least one foreign language; 3. To be qualified for teaching, scientific research, secretarial service, journalism, etc. 						
Requirements of Research Ability and Other Aspects	<p>Master:</p> <ol style="list-style-type: none"> 1. Profound understanding on classical works of the discipline and be able to conduct in-depth research; 2. Skillfulness in searching for, collecting, processing and utilizing data; 3. Ability to independently complete a graduation thesis in a reasonable structure with clear and strong arguments. 						
Curriculum							
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits	000010201	The First Foreign Language	2	SP/FA	C	O	
	000010102	Study on the Theory and Practice of Chinese Characteristic Socialism	1	SP/FA	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP			
Compulsory Courses: master \geq 7 credits	010110001	Academic English 1	2	SP/FA	C		
	010110003	Research methodology and thesis writing	3	SP	C		
	010212001	The Frontier of the Science of History	2		O		



	010313001	The Methodology of Scientific Research	2		O		
	010212005	The Theory and Practices of Fieldwork	2		O		
Optional Courses	010110009	Topics in Theory of Art	3		O		
	010110004	The Contemporary Academic Trend	2	FA	O		
	010120042	Arts History	2		O		
	010120043	Cultural Criticism	2		O		
	010120044	Cultural Industries and Management	2		O		
	010120045	Art and Media	2		O		
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by individual programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Content or Requirements				Evaluation (Ways and Time)
Academic Lectures	C	1	Candidates are required to attend at least 20 lectures.				Candidates are required to sign in for lectures attended.
Mid-term Assessment	C	0	It is decided by the vote cast by the evaluation committee on the candidate's performance during the QA interview about books on the intensive reading booklist. Candidates who fail are allowed a second chance in the following year. Candidates are required to pass the assessment before they proceed to the thesis proposal writing.				It is held in the third semester.
Thesis Proposal	C	0	Candidates are required to complete a thesis proposal with a detailed outline and get approved by the supervisor before submitting it to the examination committee for thesis proposal examination. The written thesis proposal ought to cover: title of the thesis, content introduction, academic significance, outline, working schedule, and bibliography. Candidates shall prove that the thesis has academic significance and he/she is capable of completing the thesis				The examination is held in the the third semester.



			as scheduled. Candidates have to pass the mock viva before they proceed to work on the thesis and to apply for the thesis defense.	
Teaching Practice	C	1	In the third or fourth semester, under the guidance of the supervisor, candidates are required to give lessons to undergraduates for 1-2 teaching hours.	
Inter-Campus Communication and Exchange	O	0	Candidates are encouraged to participate in major-related academic exchange programs and activities.	
Thesis	<p>The basic requirements for the master thesis:</p> <p>1.The basic arguments, conclusions and suggestions for future study shall be of theoretical significance or practical value; 2.The content of the thesis shall reflect the candidate’s professional knowledge of basic theories and the system of the discipline; 3.The candidate shall have mastered the methodology and skills of doing research, and have acquired the abilities in doing scientific research or undertaking a specialized technical work; 4.The thesis shall shed new lights onto research in the future. The master degree thesis shall contain at least 30,000 characters. The deadline for submission is the end of March of the third academic year.</p> <p>If the thesis is written in non-Chinese, a translated copy in Chinese shall be submitted at the same time. A thesis generally consists of the following parts: preface, experiment and calculation, fact and theoretical analysis, references, etc. An abstract and keywords in both Chinese and other languages are also required of. In terms of scientific arguments, there shall be theoretical proof or experimental verification, and rigorous description of the feasibility of the methodology adopted. References and quotes shall be faithful to the original material, and be noted in the thesis. The employment of cooperative research results shall be clearly noted. Language shall be concise, clear and coherent, tables and charts be tidy and neat.</p>			

Major References and Journals (C-Compulsory; O-Optional)

No.	Title	Author	Evaluation*	Remarks (C or O)
1	"The Philosophy of Art"	Stephen Davies	Reading report	C
2	"Transdisciplinary Digital Art. Sound, Vision and the New Screen."	Randy Adams, et al.	Reading report	C
3	"The Rise of 'creative writing'"	Mark McDougall	Reading report	C
4	"Culture Industry"	Hess Meng de, David	Reading report	C
5	"Poetics of Cinema"	Bode Deweier, David	Reading report	C



6	"Artistic Conception"	Zong Baihua	Reading report	O
7	"History of Western Digital Art Theory "	Huang Minfen	Reading report	O
8	"Start! The Fictional Literature "	Alice	Reading report	O
9	"Cultural Studies: Theory and Practice"	Chris , Buck	Reading report	O
10	"What is Movie?"	Andre Barzun	Reading report	O
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways.</p>				



Graduate Program for Drama Film and Television

School	College of Humanities	Student Type	Master & PhD				
Discipline	Drama Film and Television	Discipline Code	1303				
Subject included	Theater and Chinese Traditional Opera (130301)						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit Requirements	Master ≥ 28 credits: ≥ 26 credits for courses, <u>2</u> credits for other academic sections.						
	PhD ≥ 14 credits: ≥ 10 credits for courses, <u>4</u> credits for other academic sections.						
Program Objectives	<p>Basic goals for PhD:</p> <ol style="list-style-type: none"> 1. To comprehensively grasp relevant knowledge of the discipline, to be fully aware of the trends of the field, and to develop innovation abilities and research capacity; 2. To be able to independently engage in teaching and scientific research in colleges and universities, research institutes and other relevant organizations; 3. To develop a rigorous attitude towards scholarship, and to possess academic morality and spirit. <p>Basic goals for master:</p> <ol style="list-style-type: none"> 1. To systematically master the basic theories of the discipline, to develop analytical capabilities in problem-solving, and to improve abilities in academic writing; 2. To be able to read related literature and to do research in at least one foreign language; 3. To be qualified for teaching, scientific research, secretarial service, journalism, etc. 						
Requirements of Research Ability and Other Aspects	<p>PhD:</p> <ol style="list-style-type: none"> 1. Ability to independently conduct academic research and accomplish academic writing; 2. Academic innovation awareness and ability. <p>Master:</p> <ol style="list-style-type: none"> 1. Profound understanding on classical works of the discipline and be able to conduct in-depth research; 2. Skillfulness in searching for, collecting, processing and utilizing data; 3. Ability to independently write a graduation thesis in a reasonable structure with clear and strong arguments. 						
Curriculum							
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses:	000010101	The Marx Doctrine and Contemporary China	2	FA		C	



Master <u>4</u> credits, PhD <u>2</u> credits	000010201	The First Foreign Language	2	SP/FA	C	O		
	000010202	Study on the Theory and Practice of Chinese Characteristic Socialism	1	SP/FA	C			
	000010203	Marxism and Methodology for Social Sciences	1	SP	C			
Compulsory Courses: Master ≥ 7 credits, PhD ≥ 5 credits	010110001	Academic English	2	SP/FA		O		
	010110003	Academic English 1	2	SP/FA	C			
	010110005	Academic English 2	2	SP/FA	C			
	010110006	Research methodology and thesis writing	3	SP	C			
	010110007	History of Chinese opera	3	FA	C			
	010110004	Theory of Drama	3	SP	C			
	0102120001	History of Chinese Plays	2	FA	C			
	010212004	The Contemporary Academic Trend	3		O	C		
	010212005	The Frontier of the Science of History	2		O	O		
	010120046	The Methodology of Scientific Research	2		O	O		
Optional Courses	010120047	The Theory and Practices of Fieldwork	2		O	O		
	010120048	Studies on classical Opera	2	FA	O			
	010120049	Theory of Film and Television	2	SP	O			
	010110008	History of Foreign Drama	2	SP	O	O		
	010120056	History of Cinema	2	SP	O	O		
	010120057	Topics on the History of Drama	2	FA		C		
	010120058	Topics on Film and Television	2	SP		O		
	010110001	Topics on Digital Art	2	SP		O		
010110003	Studies on Comparative Drama	2	FA		O			
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by individual programs.							
Other Academic Sections (C-Compulsory; O-Optional)								
Category	C or O	Credit	Requirements				Evaluation (Ways and time)	
Academic Lectures	C	1	Candidates are required to attend at least 20 lectures.				Candidates are required to sign in for lectures attended.	



Mid-term Assessment	C for PhDs	1	It is decided by the vote cast by the evaluation committee on the candidate's performance during the QA interview about books on the intensive reading booklist. Candidates who fail are allowed a second chance in the following year. Candidates are required to pass the assessment before they proceed to the thesis proposal writing.	It is held in the third semester.
Literature Review and Research Report	C for PhDs	1	Candidates are required to present at least one academic report every academic year.	Interview.
Thesis Proposal	C	0	Candidates are required to complete a thesis proposal with a detailed outline and get approved by the supervisor before submitting it for to the examination committee for thesis proposal examination. The written thesis proposal ought to cover: title of the thesis, content introduction, academic significance, outline, working schedule, and bibliography. Candidates must prove that the thesis has academic significance and he/she is capable of completing the thesis as scheduled. Both masters and PhDs have to pass the mock viva before they proceed to work on their thesis and to apply for the thesis defense.	It is held in the third semester.
Social Practice	C for PhDs	1	Candidates are required to conduct social investigation and survey, field work, and/or volunteer services for at least 3 weeks.	
Teaching Practice	C for masters	1	In the third or fourth semester, under the guidance of the supervisor, candidates are required to give lessons to undergraduates for 1-2 teaching hours.	
Inter-Campus Communication and Exchange	O	0	Candidates are encouraged to participate in major-related academic exchange programs and activities.	
Thesis	The basic requirements for the master thesis: 1.The basic arguments, conclusions and suggestions for future study should have theoretical significance or			



practical value; 2. The content of the thesis shall reflect the candidate's professional knowledge of basic theories and the system of the discipline; 3.The candidate shall have mastered the methodology and skills of doing research, and have acquired the abilities in doing scientific research or undertaking a specialized technical work; 4.The thesis shall shed new lights onto research in the future. The master degree thesis shall contain at least 30,000 characters. The deadline for submission is the end of March of the third academic year.

The basic requirements for the PhD thesis:

1. The basic arguments, conclusions and suggestions for future study shall be of great theoretical significance and/or practical value; 2. The thesis shall reflect that the candidate has well mastered a professional knowledge of basic theories and the system of the discipline; 3.The candidate shall have mastered research methodology and skills of this research area, and have the ability to undertake scientific research; 4. The thesis shall be creative and make contribution to scientific research. The PhD thesis shall contain at least 50,000 characters.The deadline of copy printing is the end of March of the fourth academic year.

If the thesis is written in non-Chinese, a translated copy in Chinese shall be submitted at the same time. A thesis generally consists of the following parts: preface, experiment and calculation, fact and theoretical analysis, references, etc.An abstract and keywords in both Chinese and other languages are also required of.

In terms of scientific arguments, there shall be theoretical proof or experimental verification, and rigorous description of the feasibility of the methodology adopted. References and quotes should be faithful to the original material, and be noted in the thesis. The employment of cooperative research results shall be clearly noted.

Major References and Journals (C-Compulsory; O-Optional)

No.	Title	Author	Evaluation*	Remarks (C or O)
1	"The history of the development of Chinese Traditional Opera" (volume 1-4)	Liao Ben & Liu Yanjun	Reading report	C
2	"History of song and Yuan Opera"	Wang Guowei	Reading report	C
3	"The Development History of Chinese traditional Opera "	Zhou Yibai	Reading report	O
4	"Studies on Tang Opera"	Ren Erbei	Reading report	O
5	"Dramas of Song and Jin Dynasty"	Hu Ji	Reading report	O
6	"Opera and Zhejiang"	Ruo Di	Reading report	O
7	"History of Modern European-American Drama "	Chen Shixiong	Reading report	O
8	"Dramatic Thinking"	Chen Shixiong	Reading report	C
9	"The Trend of Western Drama in Twentieth Century "	Chen Shixiong & Zhou Ning	Reading report	O



10	" History of Western Drama "	Liao Kedui	Reading report	C
11	"History of Modern Chinese Drama"	Chen Baichen& Dong Jian	Reading report	C
12	"Comparative Drama"	Zhou Ning	Reading report	C
Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways.				



Graduate Program for Archaeology

School	College of Humanities	Student Type	Master & PhD
Discipline	Archaeology	Discipline Code	0601
Subject included	Archaeology and Museology(060101)		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit	Master \geq <u>27</u> credits: <u>25</u> credits for courses, <u>2</u> credits for other academic sections.		
Requirements	PhD \geq <u>13</u> credits: <u>11</u> credits for courses, <u>2</u> credits for other academic sections.		
Program Objectives	<p>Master:</p> <ol style="list-style-type: none"> 1. With systematic learning and strict training, to become professionals with solid and systematic knowledge on Archaeology; 2. To Learn and then to master basic theories and knowledge points of archaeology, cultural heritage and museology, and the academic history of other relevant fields; 3. To be equipped with the ability to do research and to undertake teaching; 4. To have a good grasp of at least one foreign language; 5. To improve innovation and practice ability; 6. To be all-around talents eligible for jobs related to cultural heritage, museums, and administrative management, social service, and so on. <p>PhD:</p> <ol style="list-style-type: none"> 1. With systematic learning and strict training, to grasp theories and methodology of China's and foreign archaeology, to be aware of China's archaeological discoveries and the latest developments of China's archaeological projects, and current situations and trends of the formation and research on China's material and intangible cultural heritage; 2. To lay particular emphasis on China southeast area archaeology, maritime archaeology and national cultural heritage, and according to one's specific major, to conduct field work to do survey and archaeological excavation, to take an active part in academic communication and dialogue, and to start original research; 3. To be qualified to undertake teaching or research work in colleges and universities and research institutes. 		
Requirements of Research Ability and Other Aspects	<p>Master:</p> <ol style="list-style-type: none"> 1. Ability to select a subject independently; 2. Ability to search for and summarize existing research findings; 3. Ability to collect and analyze historical materials; 4. Ability to think logically and express himself/herself clearly. <p>PhD:</p> <ol style="list-style-type: none"> 1. Ability in utilizing and studying archaeological excavation and exploring historical culture issues; 		



	<p>2. Proficiency in finding, analyzing, and solving, with archaeological data and methodology, new issues on historical culture;</p> <p>3. Ability to innovate and integrate theory with practice;</p> <p>4. Publishing in core journals at least two pieces of academic writings relevant to his/her thesis prior to the thesis defense.</p>						
<p>Curriculum</p> <p>(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)</p>							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master 4 credits, PhD 2 credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA/SP	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	2	FA/SP	C		
	000010103	Marxism and Methodology of Social sciences	1	SP	C		
Compulsory Courses: Master \geq 15 credits, PhD \geq 9_ credits	010212002	Historiography and Academic Writing	3	SP	C	O	
	010222056	Archaeological Theory and Methodology	3	FA	C	O	
	010232057	New Frontiers of Prehistoric Archaeology	3	FA	C	O	
	010232058	New Frontiers of Historic Archaeology	3	SP	C	O	
	010222059	The field archaeology practice	3	FA	C	O	
	010212001	Pro-seminar for Historical Research	3	FA	O	C	
	010212003	The contemporary academic trend	3		O	C	
	010212004	methodology of scientific research	3		O	C	
	010212005	methodology of scientific research	3		O	C	
	010222054	The Methodology of Archaeology	3	FA	O	C	
010232055	The Chinese and foreign archaeology major issue	3	SP	O	C		
Optional Courses	010232060	Ethnoarchaeology of Southern China and Southeast Asia	2	FA	O		



	010232061	Settlement Pattern Archaeology	2	FA	O		
	010232062	Methodology of Zooarchaeology	2	FA	O		
	010232063	Methodology of Archaeobotany	2	SP	O		
	010232064	Investigation of Chinese Export Porcelian	2	SP	O		
	010232065	Marine cultural heritage and archaeology	2	SP	O		
	010232066	Tutor to Chinese and foreign archaeological academy	2	FA		O	
	010232067	Studies in Environmental Archaeology	2	FA		O	
	010232068	The Trade Ceramics and Maritime Culture in Ancient China	2	FA		O	
	010232069	Archaeological Science and Prehistoric Economy and Culture	2	SP		O	
	010232070	Cultural heritage and museology	2	SP		O	
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by individual programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements			Evaluation (Ways and time)	
Academic Lectures	C		Candidates are required to attend at least 10 academic lectures or academic forums, and are encouraged to hold academic salons, reading clubs and other small-scale academic activities regularly. During the school time, doctoral candidates are required to attend at least one national academic conference or one national academic forum.			These activities are important references for candidates to apply for scholarships.	
Mid-term Assessment and Qualifying Examination	C	1	Master: Having earned all credits required within the prescribed time. Knowledge about current situations and the newest information in his/her academic field.			Master: It is usually held in the FA of the second academic year. It is organized on the level of programs ; written tests combined with oral tests.	



			<p>PhD (comprehensive examination):</p> <p>There are three sections:</p> <ol style="list-style-type: none"> 1. The Q&A interview. The interview mainly centers on archaeological basic knowledge and theoretical knowledge, including China's ancient history, theory and methodology of archaeology, basic knowledge of China's dynastic history, China's major academic projects of archaeology, China's southeast archaeology, and ocean archaeology; and 2. The test on candidates' foreign language proficiency. Doctoral candidates are required to be able to read literature and other related data in at least one foreign language. 3. The progress report of the graduate program and scientific research. 	<p>PhD:</p> <p>It is usually held in the FA of the second academic year.</p> <p>Scores are based on the candidate's knowledge of the basic knowledge, his/her ability to discover, analyze and solve academic problems, and the ability of reasonability and logical thinking. A paper report (or specific requirement by the supervisor team) shall be submitted to the supervisor team for final assesemnt. The compreshensive examination shall combine written tests and oral tests.</p>
<p>Literature Review and Thesis Proposal</p>		<p>1</p>	<p>Master:</p> <p>Candidates shall illustrate the speciality of the subject they select in the thesis proposal report, predict hard nuts in conducting the project and corresponding solutions; and single out the aspects where they might innovate.</p> <p>PhD:</p> <p>The thesis proposal report shall include a 10,000-20,000-character introduction to the subject selected, its current research situation, the subject-related problems put forward and its potential solutions. The thesis proposal shall be of academic and social significance. Candidates shall illustrate the speciality of the subject they select, predict hard nuts in conducting the project and corresponding solutions; and single out the aspects where they might innovate.</p>	<p>It is usually held in the period from the end of the FA semester of the second academic year to the beginning of its SP semester</p> <p>It is an oral test. The thesis proposal report will be examined by an evaluation committee composed of 3-5 supervisors (including the candidate's supervisor). Questions will be asked and revision suggestions shall be provided. Candidates shall make academic defense during this process. Only after he/she passes this oral test, can the candidate proceed to work on the thesis writing.</p>



Social Practice	C for PhDs	1	It is conducted in the third semester (the summer semester) of each academic year and/or during the summer vacation. Candidates are required to participate in the teaching practice and/or social investigation under their chosen research projects. The social practice report shall be completed with high quality.	Candidates shall complete and submit the Social Practice Report to the leading teacher for evaluation.
Teaching Practice			In the first or second academic year, candidates are required to give lessons to undergraduates for 2 teaching hours or work as the teaching assistant.	The teacher responsible for teaching practice activities shall provide assessment.
Inter-Campus Communication and Exchange			Candidates are encouraged to apply for study or exchange programs in other universities.	Credits and scores will be recognized and transferred according to related regulations.

Major References and Journals (C-Compulsory; O-Optional)

No.	Title	Author	Evaluation*	Remarks (C or O)

Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;
 2. Examination on thesis proposal or comprehensive examination;
 3. Reading Report;
 4. Other specific ways.



Graduate Program for History of China

School	College of Humanities	Student Type	Master & PhD
Discipline	History of China	Discipline Code	0602
Subject included	<p>Master: historical geography (01); Historical philology (02); Special history (03); Ancient Chinese history (04); The modern history of China (05); Marine historiography (6);</p> <p>Dr: 01 historical geography Chinese historical geography; 02 historical geography regional geography of history; 03 historical philology Folk historical philology; Over the history of ancient China History of the Ming and qing dynasties; 05 China's modern history regional economic history China sea Gwen. 06 China's modern history Modern social culture history; 07 China's modern history Modern intellectual history; 08 Chinese modern economic history of modern history; 09 modern Chinese history of modern intellectual history; Modern Chinese history of modern social history; 11 special history The Ming and qing dynasties society economic history; 12 specialized history of regional social economic history; 13 special history Taiwan local history; 14 special history China's environmental history; 15 special history China's cultural history; 16 special history China's Marine culture or region culture in fujian and Taiwan; 17 special history China's doctrines; 18 history of ocean Oceanic society economic history; 19 oceans, Marine social culture; 20 historical anthropology; 21 history theory and history history</p>		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit Requirements	Master <u>27</u> credits; <u>25</u> credits for courses, <u>2</u> credits for other academic sections.		
	PhD <u>13</u> credits; <u>11</u> credits for courses, <u>2</u> credits for other academic sections.		
Program Objectives	<p>Master:</p> <ol style="list-style-type: none"> 1. With systematic learning and strict training, to become professionals with solid and systematic knowledge on Archaeology; 2. To Learn and then to master basic theories and knowledge points of archaeology, cultural heritage and museology, and the academic history of other relevant fields; 3. To be equipped with the ability to do research and undertake teaching; 4. To have a good grasp of at least one foreign language; 5. To improve innovation and practice ability; 6. To be all-around talents eligible for jobs related to news papers, publishing, administrative management, social service, and so on. <p>PhD:</p> <ol style="list-style-type: none"> 1. With systematic learning and strict training, to grasp theories and methodology of China's and foreign archaeology, to be aware of China's archaeological discoveries and the latest developments of China's archaeological projects, and current situations and trends of the formation and research on China's 		



	<p>material and intangible cultural heritage;</p> <p>2. To lay particular emphasis on China southeast area archaeology, maritime archaeology and national cultural heritage, and according to one’s specific major, to conduct field work to do survey and archaeological excavation, to take an active part in academic communication and dialogue, and to start original research;</p> <p>3. To be qualified to undertake teaching or research work in colleges and universities and research institutes.</p>
Requirements of Research Ability and Other Aspects	<p>Master:</p> <p>1.Ability to select a subject independently;</p> <p>2. Ability to search for and summarize existing research findings;</p> <p>3. Ability to collect and analyze historical materials;</p> <p>4. Ability to think logically and express himself/herself clearly.</p> <p>PhD:</p> <p>1.Ability to utilize and study archaeological excavation and explorp historical culture issues;</p> <p>2. Proficiency in finding, analyzing, and solving, with archaeological data and methodology, new issues on historical culture;</p> <p>3. Ability to innovate and integrate theory with practice;</p> <p>4. Publishing in core journals at least two pieces of academic writings relevant to his/her thesis writing prior to the thesis defense.</p>

Curriculum

(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)

Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA/SP	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	2	FA/SP	C	O	
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
Compulsory Courses: Master <u>15</u> credits, PhD <u>9</u> credits	010212002	Historiography and Academic Writing	3	SP	C	O	
	010232019	The study about chinese historical datum	3	SP	C	O	
	010222020	The Frontier of Studying on Chinese History	3	FA	C	O	



010232021	The State and Society in the Ancient and Medieval China	3	FA	C	O	
010232022	tradition and modern	3	FA	C	O	
010232023	The Economic History of Traditional and Modern China	3	FA	C	O	
010232024	Space and history	3	FA	C	O	
010232025	Studies in Chinese Social and Cultural History	3	SP	C	O	
010222026	Textual Analysis and Field Work	3	FA	C	O	
010212001	Pro-seminar for Historical Research	3	FA	O	C	
010212003	The contemporary academic trend	3		O	C	
010212004	methodology of scientific research	3		O	C	
010212005	Theory and practice of the fieldwork	3		O	C	
010222006	The Special Topics on the Ancient and Medieval Chinese History	3	SP	O	C	
010232007	Basic studies of modern Chinese social economic history	3	FA	O	C	
010232008	Socio-Cultural Changes in Modern China	3	FA	O	C	
010232009	Introduction to new books on Chinese economical history	3	SP	O	C	
010232010	Social & Economic History in the Ming-Qing Period	3	SP	O	C	
010232011	environment and socio-economy in Ming and Qing Periods	3	SP	O	C	
010232013	special subject of Ming Qing history	3	FA	O	C	
010232014	Topics in Social and Cultural History in the West	3	FA	O	C	
010232012	Research on Special Topics of Chinese Culture History	3	FA	O	C	
010222015	The Frontier of Studying on maritime history		FA	O	C	



	010222016	Issues in the Chinese historical geography		SP	O	C	
	010232017	Theory and Methodology in Historical Anthropology		SP	O	C	
	010232018	study of folk historical document		FA	O	C	
Optional Courses	010232027	Special Topics on Qin-Han Dynasties History	2	SP	O		
	010232028	Special Topics on Weijin-Sui Tang Dynasties History	2	SP	O		
	010232029	Special Topics on Song-Yuan Dynasties History	2	FA	O		
	010232030	Topics of Ming-Qing History	2	SP	O		
	010232031	Studies on Modern China	2	SP	O		
	010232032	The Studies For History of Modern Chinese Customs	2	FA	O		
	010232033	Topics on Maritime history in China	2	FA	O		
	010232034	Research on the Historical Geography of Regional China	2	SP	O		
	010232035	Topics on China Regional Social and Economic History	2	FA	O		
	010232036	Introduction to folk history document	2	FA	O		
	010232037	Topics on Economic and Financial History of Ancient China	2	SP	O		
010232038	Topics on Environment History	2	FA	O			
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by individual programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements			Evaluation (Ways and time)	
Academic Lectures	C	1	Candidates are required to attend at least 10 academic lectures or academic forums, and are encouraged to hold academic salons, reading clubs and other small-scaled			These activities are important references for candidates to apply for scholarships.	



			academic activities regularly. During the school time, doctoral candidates are required to attend at least one national academic conference or one national academic forum.	
Qualifying Examination and Mid-term Assessment	C	1	<p>Master:</p> <p>Candidates shall earn all credits required within the prescribed time.</p> <p>Candidates shall have a good knowledge about current situations and the newest information in the academic field.</p> <p>PhD (comprehensive examination):</p> <p>There are three sections:</p> <ol style="list-style-type: none"> 1. The test on basic knowledge and theoretical knowledge. Candidates are required to know background, current research, frontier topics of the chosen field; and 2. The test on candidates' foreign language proficiency. PhD candidates are required to be able to read literature and other related data in at least one foreign language. 3. The progress report of the graduate program and scientific research. 	<p>Master:</p> <p>It is usually held in the FA of the second academic year.</p> <p>It is organized on the level of programs ; written tests are combined with oral tests.</p> <p>PhD:</p> <p>It is usually held in the FA of the second academic year.</p> <p>Scores are based on the candidate's knowledge of the basic knowledge, his/her ability to discover, analyze and solve academic problems, and the ability of reasonability and logical thinking. A paper report (or specific requirement by the supervisor team) shall be submitted to the supervisor team for final assesement.</p> <p>The compreshensive examination shall combine written tests and oral tests.</p>
Literature Review and Thesis Proposal		1	<p>Master:</p> <p>Graduates shall illustrate the speciality of the subject they select in the thesis proposal report, predict hard nuts in conducting the project and corresponding solutions; and</p>	<p>It is usually held in the period from the end of the FA semester of the second academic year to the beginning of its SP semester</p>



			<p>single out the aspects where they might innovate.</p> <p>PhD: The thesis proposal shall include a 10,000-20,000-character introduction to the subject selected, its current research situation, the subject-related problems put forward and its potential solutions. The thesis proposal shall be of academic and social significance. Candidates shall illustrate the speciality of the subject they select, predict hard nuts in conducting the project and corresponding solutions; and single out the aspects where they might innovate.</p>	<p>It is an oral test. The thesis proposal will be examined by an evaluation team composed of 3-5 supervisors (including the candidate's supervisor). Questions will be asked and revision suggestions shall be provided. Candidates shall make academic defense during this process. Only after he/she passes the oral test, can he/she proceed to work on the thesis writing.</p>
Social Practice	C for PhDs	1	<p>It is conducted in the third semester (the summer semester) of each academic year and/or during the summer vacation.</p> <p>Candidates are required to participate in the teaching practice and/or social investigation under their chosen research projects. The social practice report shall be completed with high quality.</p>	<p>Candidates shall complete and submit the Social Practice Report to the leading teacher for evaluation.</p>
Teaching Practice			<p>In the first or second academic year, candidates are required to give lessons to undergraduates for 2 teaching hours or work as the teaching assistant.</p>	<p>The teacher responsible for teaching practice activities shall provide assessment.</p>
Inter-Campus Communication and Exchange			<p>Candidates are encouraged to apply for study or exchange programs in other universities</p>	<p>Credits and scores will be recognized and transferred according to related regulations.</p>
Thesis	<p>Master: The subject selected shall be pioneering and innovative; there shall be new research methods, new research angles, or new views and opinions; the thesis shall meet the required word limit; the thesis shall be well structured; the expression shall be clear and fluent; the thesis shall meet academic requirements.</p> <p>PhD: 1. The subject selected shall be of theoretical and practical significance, and of innovation. It is also</p>			



<p>supposed to be able to reflect the candidate’s knowledge on basic theories and scientific research.</p> <p>2. The thesis shall present new ideas in related academic fields or new opinions on specific issues.</p> <p>3. The thesis shall make improvement of the existing research methods or put forward new research methods.</p> <p>4. The thesis shall have a reasonable structure, clear and concise expression, and meet academic requirements.</p> <p>5. The thesis shall be completed under the guidance of the supervisor. In the process of thesis writing, the candidate shall present at least 2 reports to the supervisor team for advice and suggestions.</p>
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Major References and Journals (C-Compulsory; O-Optional)

No.	Title	Author	Evaluation*	Remarks (C or O)

Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;

2. Examination on thesis proposal or comprehensive examination;

3. Reading Report;

4. Other specific ways.



Graduate Program for History of the World

School	College of Humanities	Student Type	Master & PhD
Discipline	History of the World	Discipline Code	0603
Subject included	Master: 01, history of the United States; 02, history of southeast Asia; 03, overseas Chinese history; 04, Chinese and foreign relations; 05, ancient history in the world; 06, modern history of the world Dr: 01 world region, the history of individual countries - the United States history; 02 special history and the overall history, history of American cities; 03 special history and the overall history - southeast Asian Chinese		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit Requirements	Master ≥ 27 credits: ≥ 25 credits for courses, <u>2</u> credits for other academic sections.		
	PhD ≥ 13 credits: ≥ 11 credits for courses, <u>2</u> credits for other academic sections.		
Program Objectives	Master: 1. With systematic learning and strict training, to become professionals with solid and systematic knowledge on Archaeology; 2. To Learn and then to master basic theories and knowledge points of archaeology, cultural heritage and museology, and the academic history of other relevant fields; 3. To be equipped with the ability to do research and undertake teaching; 4. To have a good grasp of at least one foreign language; 5. To improve innovation and practice ability; 6. To be all-around talents eligible for jobs related to cultural heritage, museums, administrative management, social service, and so on. PhD: 1. To be able to work in colleges and universities in terms of teaching or doing research, or to be qualified to work in scientific research sectors and, if necessary, government departments with the solid knowledge and the ability to do research independently obtained from the systematic learning and thesis proposal writing practice; 2. Specific goals: to have further knowledge about China's academic world opinions on American history, especially the history of American cities and American economic and social histories, the history of the development and evolvement of the Southeast Asian Chinese society; to be of the ability to utilize original data of American history and Southeast Asian Chinese history, and to make full use of the internet to search for related materials and the latest information; 3. To be able to use English for academic exchange; 4. To be able to conduct independent research on some of the discipline-related issues;		



	5. To be able to express and demonstrate his/her academic views orally or in a written way.						
Requirements of Research Ability and Other Aspects	<p>Master:</p> <ol style="list-style-type: none"> 1. Ability to independent subject; 2. Ability to comprehensively retrieve and accurately summarize existing achievements; 3. Ability to collect and analyze historical data; 4. Ability to think in a clear careful and logical way and be good at writing skills. <p>PhD:</p> <ol style="list-style-type: none"> 1. Strong innovation and the ability to integrate theory with practice; 2. Publishing in core journals at least two articles related to the thesis topic prior to the thesis defense. 						
Curriculum							
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA/SP	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	2	FA/SP	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
Compulsory Courses: Master <u>15</u> credits, PhD <u>9</u> credits	010212002	Historiography and Academic Writing	3	SP	C	O	
	010222044	Major Issues in History of the World	3	FA	C	O	
	010222045	The Frontier of Studying on historiography of World History	3	FA	C	O	
	010232046	Bibliography and methodology of World History	3	SP	C	O	
	010232047	Professional English	3	SP	C	O	
	010212001	Pro-seminar for Historical Research	3	SP	O	C	
	010212003	The contemporary academic trend	3		O	C	
	010212004	methodology of scientific research	3		O	C	



	010212005	Theory and practice of the fieldwork	3		O	C	
	010232039	American Urban History	3	SP	O	C	
	010232040	Major Issues in American History	3	SP	O	C	
	010232041	American Intellectual History	3	FA	O	C	
	010232042	The Methodology on Overseas Chinese Studies	3	FA	O	C	
	010232043	topics on Southeast Asian Chinese social culture	3	SP	O	C	
Optional Courses	010232048	Intellectual History of the West	2	SP	O		
	010232049	American History from Colonial time to 20th Century	2	FA	O		
	010232050	Ancient Near Eastern Texts	2	SP	O		
	010232051	Some issues in the history of Europe	2	FA			
	010232052	Urban History of the West	2	SP	O		
	010232053	Chinese Society and Culture of Southeast Asia	2	SP	O		
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by individual disciplines.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures and Academic Reports	C	1	Candidates are required to attend at least 10 academic lectures or academic forums, and are encouraged to hold academic salons, reading clubs and other small-scaled academic activities regularly. During the school time, doctoral candidates are required to attend at least one national academic conference or one national academic forum.	These activities are important references for candidates to apply for scholarships.			
Qualifying Examination and	C	1	Master: Having earned all credits required	Master: It is usually held in the FA of the			



<p>Mid-term Assessment</p>			<p>within the prescribed time.</p> <p>Knowledge about current situations and the newest information in his/her academic field.</p> <p>PhD (comprehensive examination):</p> <p>There are three sections:</p> <ol style="list-style-type: none"> 1. The test on archaeological basic knowledge and theoretical knowledge. Candidates are required to know background, current research, frontier topics of the chosen field; and 2. The test on candidates' foreign language proficiency. Doctoral candidates are required to be able to read literature and other related data in at least one foreign language; and 3. The progress report of the graduate program and scientific research. 	<p>second academic year.</p> <p>It is organized on the level of programs; written tests combined with oral tests.</p> <p>PhD:</p> <p>It is usually held in the FA of the second academic year.</p> <p>Scores are based on the candidate's understanding of the basic knowledge, his/her ability to discover, analyze and solve academic problems, and the ability of reasonability and logical thinking. A paper report (or specific requirement by the supervisor team) shall be submitted to the supervisor team for final assessemnt. The comprehensive examination shall combine written tests and oral tests..</p>
<p>Literature Review and Thesis Proposal</p>		<p>1</p>	<p>Master:</p> <p>Candidates shall illustrate the speciality of the subject they select in the thesis proposal, predict hard nuts in conducting the project and corresponding solutions; and single out the aspects where they might innovate.</p> <p>PhD:</p> <p>The thesis proposal shall include a 10,000-20,000-character introduction to the subject selected, its current research situation, the subject-related problems put forward and its potential solutions. The thesis proposal shall be of academic and social significance. Candidates are expected to illustrate the</p>	<p>It is usually held in the period from the end of the FA semester of the second academic year to the beginning of the SP semester of the second academic year.</p> <p>It is an oral test. The thesis proposal report shall be examined by an evaluation team composed of 3-5 supervisors (including the candidate's supervisor). Questions will be asked and revision suggestions shall be provided. Candidates shall make academic defense during this process. Only after he/she passes the oral test, can he/she proceed to work on the</p>



			speciality of the subject they select, predict hard nuts in conducting the project and corresponding solutions; and single out the aspects where they might innovate.	thesis writing.
Social Practice	C for PhDs	1	It is conducted in the third semester (the summer semester) of each academic year and/or during the summer vacation. Candidates are required to participate in the teaching practice and/or social investigation under their chosen research projects. The social practice report shall be completed with high quality.	Candidates shall complete and submit the Social Practice Report to the leading teacher for evaluation.
Teaching Practice			In the first or second academic year, candidates are required to give lessons to undergraduates for 2 teaching hours or work as the teaching assistant.	The teacher responsible for teaching practice activities shall provide assessment.
Inter-Campus Communication and Exchange			Candidates are encouraged to apply for study or exchange programs in other universities.	Credits and scores will be recognized and transferred according to related regulations.

Major References and Journals (C-Compulsory; O-Optional)

No.	Title	Author	Evaluation*	Remarks (C or O)

Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;
 2. Examination on thesis proposal or comprehensive examination;
 3. Reading Report;
 4. Other specific ways.



Graduate Program for Philosophy

School	College of Humanities	Student Type	Master & PhD				
Discipline	Philosophy	Discipline Code	0101				
Subject included	Marxist Philosophy (010101); Chinese Philosophy(010102); Foreign Philosophy (010103); Logic (010104); Ethics(010105); Aesthetics(010106); Religious Studies(010107); Philosophy of Science and Technology(010108)						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit Requirements	Master ≥ 28 credits: ≥ 26 credits for courses, <u>2</u> credits for other academic sections.						
	PhD ≥ 16 credits: ≥ 13 credits for courses, <u>3</u> credits for other academic sections.						
Program Objectives	To train candidates to become professional philosophers, and to be able to teach philosophy or to do scientific research, and to be experts with sufficient skills to apply philosophy into other fields.						
Requirements of Research Ability and Other Aspects	<p>Master:</p> <ol style="list-style-type: none"> 1. Systematical mastery of basic theories and methods of Marxist philosophy; 2. Ability to read in at least one foreign language; 3. Knowledge about the research trend of this major; having the ability of professional research and teaching under the guidance of his/her supervisor; 4. Thesis proposal being of its academic value and social significance. <p>PhD:</p> <ol style="list-style-type: none"> 1. Systematical mastery of the basic theory and methods of Marxist philosophy; 2. Knowledge about the newest research trend of this major; 3. Solid professional foundation; having language proficiency in at least one foreign language; 4. Ability to independently undertake the work of research and teaching in one's professional field; 5. Thesis being of innovation and great academic value and social significance. 						
Curriculum							
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA/SP	C	O	
	000010102	Research on the Theory and Practice of Chinese Social Characteristics	1	FA/SP	C		



	000010103	Marxism and Methodology for Social Sciences	1	SP	C			
Compulsory Courses: Master ≥ 12 credits, PhD ≥ 9 credits	010313002	The Basic Theory of Philosophy	3	FA	C			
	010313001	Methodology of Scientific Research	3	SP		C		
	01011004	The Contemporary Academic Trend	3				O	Doctoral candidates must choose one out of the three courses.
	010212001	Contemporary Issues in Historical Research	3	FA			O	
	010212005	Field Work: Theory and Practice	3	SP			O	
	010323004	Cognition and Norm	3	FA	C			The Philosophy of Marxist
	010323005	Topics on the Principles of Marxist Philosophy	3	FA	C			
	010323006	Marxist Study in the West	3	SP	C			
	010323003	Normative Research	3	FA			C	
	010323009	Contemporary Issues in Chinese Philosophy and Religion	3	FA	C			Chinese Philosophy and Religion
	010323010	Literature and Historical Data	3	SP	C			Chinese Philosophy and Religion
	010323011	Confucianism and Buddhism	3	FA	C			Chinese philosophy
	010323012	The General Theory of Religion	3	FA	C			Religion
	010333007	Confucian Philosophy Study	3	SP			C	Chinese Philosophy
	010333008	Topics in Buddhist Philosophy	3	FA			C	Religion
	010323014	Experimental Philosophy	3	SP	C			Foreign Philosophy
	010333015	Western classical philosophy	3	FA	C			
	010323016	Studies of 20th Century Western Philosophy	3	SP	C			
	010333013	Contemporary Epistemology	3	FA			C	Foreign Philosophy
	010323018	Mathematical Logic	3	FA	C			Logic



	010323019	Modal Logic	3	FA	C		
	010333020	Topics in Logical Philosophy and Logical History	3	SP	C		
	010323017	Cognitive Logic	3	FA		C	
	010333022	Moral Theory	3	FA	C		
	010333023	Applied Ethics	3	FA	C		
	010333024	Topics in Western Moral Philosophy	3	SP	C		Ethics
	010333021	Studies of Chinese Traditional Ethical Thoughts	3	FA		C	
	010333026	The History of Science and Technology	3	FA	C		
	010323027	The Basic Theory of Philosophy of Science and Technology	3	FA	C		Philosophy of Science and Technology
	010333028	Science and Technology Policy and Management	3	SP	C		
	010323025	The Original Study of Philosophy of Science and Technology	3	FA		C	
	010333030	Modern Western Aesthetic Studies	3	FA	C		
	010333031	Topics in Chinese Aesthetic Study	3	FA	C		
	010333032	Selected Readings of Original Works Of Chinese Aesthetic	3	SP	C		Aesthetics
	010323029	Modern Aesthetic Study	3	SP	C		
	010323029	Modern Aesthetic Study	3	SP	C		
	010323033	Basic Theory and Methodology of Sinology Research	3	FA		C	Sinology
Optional Courses (candidates)	010333034	Guided-reading of Confucian Classics	2	FA	O	O	Chinese Philosophy and



should take at least 4 optional credits in their corresponding concentration)	010333035	Selected readings of Chinese Taoist classics	2	SP	O	O	Religious Study
	010333036	Selected readings of Chinese Buddhism classics	2	SP	O	O	
	010333037	Political Philosophy of Confucianism	2	FA	O	O	
	010333038	Philosophy of Chinese art	2	SP	O	O	
	010333039	Topics in Zhuzi Study	2	SP	O	O	
	010333040	Institution and Civilization	2	SP	O	O	
	010333041	Intellectual History of Taoism	2	SP	O	O	
	010333042	Introduction to the World Religion	2	SP	O	O	
	010333043	Topics in Modern Western Philosophy	2	SP	O	O	Foreign Philosophy and Epistemology
	010333044	Topics in Phenomenology Philosophy	2	FA	O	O	
	010333045	Wittgenstein's Philosophy Study	2	SP	O	O	
	010333046	Topics in Analytic Philosophy	2	FA	O	O	
	010333047	Skepticism	2	SP	O	O	
	010333048	Reading and Writing in Anglo-American Philosophy	2	FA	O	O	
	010333049	Issues in Western Philosophy	2	SP	O	O	
	010333050	Readings of Classics in Western Philosophy	2	FA	O	O	
	010333051	Critical thinking and Theoretical innovation	2	FA	O	O	Logic and Philosophy of Science and Technology
	010333052	Topics in Formal Logic	2	FA	O	O	
	010323053	Foundations of Logic	2	FA	O	O	
	010333054	Informal logic	2	SP	O	O	
	010333055	Sociology of Science	2	FA	O	O	
	010333056	Research Methods of Philosophy	2	SP	O	O	
	010333057	Chinese Traditional Scientific and Technological Thinking	2	SP	O	O	



	010333058	Technological Innovation and Management Study	2	SP	O	O	
	010333059	Western Philosophy of Science	2	SP	O	O	
	010333060	Contemporary Issues of Philosophy of Science and Technology	2	SP	O	O	
	010333061	Values, Norms and Language	2	SP	O	O	Marxist philosophy and Ethics
	010333062	Readings of Classics in Marx's Philosophy	2	FA	O	O	
	010333063	Scientific norms and Technical Norms	2	SP	O	O	
	010333064	Classical Ethics in Germany	2	SP	O	O	
	010333065	Ethical Thoughts in Marxism and Frontline Problems of Ethics	2	SP	O	O	
	010333066	Readings of Classics in Western Moral Theory	2	SP	O	O	
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Requirements may vary according to concentrations.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements				Evaluation (Ways and time)
Academic Lectures	C	1	Candidates are expected to actively participate in colloquiums, guest lectures, student salons and other academic activities. To earn the one credit, candidates are required to attend at least 20 lectures.				
Mid-term Assessment	C for PhDs	1	<p>All PhD candidates shall take the comprehensive examination. Only those who pass this examination are allowed to continue their study.</p> <p>Requirements:</p> <ol style="list-style-type: none"> 1. Basic theoretical knowledge: substantial understanding of the literature related to one's thesis topic; mastering basic scientific research methods and being able to conduct research independently. 2. Foreign language proficiency: being able to read 				It is usually held at the end of the first term of the second year, or the beginning of the second term of the second year. The examination will be connected with courses taken previously, and candidates' knowledge



			and translate related literature. 3. Literature review report relating to the thesis shall be approved by the supervisor team, and all translations of related literature shall also be examined and approved by the supervisor team or the teaching and research office.	on basic professional theories and their foreign language proficiency.
Literature Review and Research Report			The assessment is a combination of oral test and written test which covers investigation report and literature review writing and related literature translation.	
Thesis Proposal			PhD candidates shall submit a detailed research proposal of the subject chosen to the department. The department shall organize a thesis proposal examination conducted by PhD supervisors and other professors. The examination committee shall examine the feasibility and value of the thesis, and if necessary, provide advice and suggestions for improvement and revision.	It is held in the first semester of the second academic year.
Social/Teaching Practice	C	1	Candidates shall conduct social services, and/or work as the research or teaching assistant, for at least 3 weeks.	
Inter-Campus Communication and Exchange			Candidates are encouraged to acquire research and study experience outside of the campus.	
Thesis	It shall meet the academic requirements of master and PhD degree theses set by the Regulations of the People's Republic of China on Academic Degrees.			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Ethnology

School	College of Humanities	Student Type	Master & PhD				
Discipline	Ethnology	Discipline Code	0304				
Subject included	Anthropology(030303) ; Chinese Minority Histories(030404)						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit	Master ≥ 28 credits: ≥ 26 credits for courses, <u>2</u> credits for other academic sections.						
Requirements	PhD ≥ 12 credits: ≥ 10 credits for courses, <u>2</u> credits for other academic sections.						
Program Objectives	<p>To cultivate professionals proficient in teaching and doing research in the field of archaeology and ethnology, and eligible for jobs concerning ethnic affairs.</p> <p>Specific requirements: to improve both professional competence and comprehensive quality; to build a knowledge structure of ethnology; to grasp the trend in and the research front of ethnology; to be of the ability to do field work, literature analysis and theory summarization; to be of strong ability of innovation and keenly aware of reality.</p>						
Requirements of Research Ability and Other Aspects	<p>Basic requirements for research ability:</p> <p>Candidates must meet the following requirements in terms of research ability:</p> <ol style="list-style-type: none"> 1. Ability to search for literature, do field work, analyze and process collected data, and write theses under the guidance of academic norms; be aware of the academic history and the latest development of his/her research direction; before working on thesis defense, master candidates must have published one academic paper related to his/her research direction, or one verified research report; 2. Mastery of basic theories of ethnology and skills to do theoretical analysis; 3. Mastery of skills and strategies to conduct field work and be able to do various kinds of research work concerning ethnology. <p>PhD candidates must publish 2 academic papers in CSSCI.</p>						
Curriculum							
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Title	Credit	Semester	Master	PhD	Remarks
General Courses : Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China Marxism and contemporary	2	FA		C	
	000010201	The first foreign language	2	FA/SP	C	O	
	000010102	Research of theory and practice of socialism with Chinese characteristics	1	FA/SP	C		
	000010103	Marxism and Methodology for	1	SP			



		Social Sciences					
Compulsory Courses : Master ≥ 12 credits, PhD ≥ 6 credits	010514001	Theory and practice of the fieldwork	3	SP	C	C	
	010514002	Ethnology theory frontier	3	FA		C	
	010514003	Anthropology project: theory and method	3	FA		C	
	010514004	Ethnicity Theory	3	FA	C		
	010514005	Anthropology frontier	3	FA	C		
	010514006	Chinese Ethnic History	3	SP	C		
Optional Courses	010524008	Social/Cultural anthropology	2	FA		O	
	010524009	Topics of Han culture	2	SP		O	
	010524010	Historical anthropology	2	FA		O	
	010534011	Medical ethnomusicology	2	FA		O	
	010514007	Folklore Studies	2	FA	O		
	010534012	Southeast Asian ethnic culture	2	FA	O		
	010524013	Applied anthropology	2	FA	O		
	010524014	Social anthropology	2	FA	O		
	010534015	Art anthropology	2	FA	O		
	010524016	Political anthropology	2	SP	O		
	010524017	Physical anthropology	2	SP	O		
	010524018	Religious anthropology	2	SP	O		
	010524019	Linguistic anthropology	2	SP	O		
	010110004	Study of contemporary academic trend	3		O		
010212004	Scientific Research Methodology	3	SP	O			
010212001	The history research front	3	FA	O			
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by individual programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements			Assessment (Time & Ways)	
Academic Lectures	C		Candidates are expected to attend no less than 10 academic activities (e.g., lectures, conferences, seminars). The attendance will be factored into PhD				



			candidates' mid-term assessment.	
Mid-term Assessment	C for PhDs	1	<p>PhD candidates shall pass the comprehensive examination before they pursue further study as PhD candidates.</p> <p>The examination covers the following elements.</p> <p>Professional knowledge:</p> <p>Be of the ability to search and collect data and literature related to his/her research directions and topics; and</p> <p>Be able to conduct research independently; and</p> <p>Grasp the basic professional knowledge.</p> <p>Foreign language proficiency:</p> <p>Be able to translate literature related to his/her own research direction.</p> <p>Assessment:</p> <p>The research literature report, and the translation shall be examined and approved by the supervisor team or the teaching and research office.</p>	<p>It is usually held at the end of the first semester of the second academic year, or the beginning of the second semester of the second academic year.</p> <p>The examination will be related with courses taken previously, and candidates' knowledge on basic professional theories and their foreign language proficiency.</p>
Literature Review and Research Report			The assessment covers writing research report and literature report; translating related literature; attending at least two academic conferences or forums; presenting at least 2 academic reports in academic activities organized in or out of XMU.	
Thesis Proposal			PhD candidates shall submit a detailed research proposal of the subject chosen to the department. The department shall organize a thesis proposal examination conducted by PhD supervisors and other professors. The examination committee shall examine the feasibility and value of the thesis, and if necessary, provide advice and suggestions for improvement and revision.	It is held in the first semester of the second academic year.
Social Practice	C for PhDs	1	Candidates are required to conduct field work(2 credits for Master candidates and 1 for PhD candidates).	
Publication			Prior to the thesis defense, PhD candidates are required to publish at least 1 first or co-first author paper in core journals or 2 papers in CSSCI journals.	
Thesis	Basic requirements of the thesis:			



The subject selected shall be of great theoretical significance and application value, and shall reflect the candidate' research ability and mastery of basic theories. It shall be developed out of rigorous field work and intensive reading on previous achievements in the chosen field. Candidates are encouraged to work on innovative research.

The subject shall be selected under the guidance of the main supervisor, and be approved by the supervisor team or the teaching and research office.

The thesis shall meet academic standards. It shall be written with fluent, concise, and coherent language, a reasonable structure, and clearly marked citations.

Major References and Journals (C-Compulsory; O-Optional)

No.	Title	Author/Year	Evaluation	Remarks (C or O)

Evaluation ways : 1. Examination: Knowledge of references and journals to be covered on the examination;
 2. Examination on thesis proposal or comprehensive examination;
 3. Reading Report;
 4. Other specific ways.



Graduate Program for Journalism and Communication

School	School of Journalism and Communication	Student Type	Master & PhD
Discipline	Journalism and Communication	Discipline Code	0503
Subject included	Journalism (050301);Communication(050302);Advertising(0503Z1)		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit Requirements	Master ≥ 28 credits: ≥ 26 credits for courses, <u>2</u> credits for other academic sections.		
	PhD ≥ 13 credits: ≥ 10 credits for courses, <u>3</u> credits for other academic sections.		
Program Objectives	<p>For Master: To cultivate professionals with a solid knowledge of theories and the ability to solve problems effectively; to be ABDs;</p> <p>For PhD: To cultivate potential experts with a solid knowledge of theories and other professional fields, and strong research ability; to be quasi-experts.</p>		
Requirements of Research Ability and Other Aspects	<p>Research Ability Requirements:</p> <ol style="list-style-type: none"> 1. To obtain the doctorate degree, doctoral candidates are required to publish at least three first-author (if his/her supervisor is the first author and the student is the second, he/she will be deemed as a first author) publications of more than 3,000 characters/words with Xiamen University as the first-author affiliation in CSSCI or other international academic journals of statistics (neither including supplement, special issues or album). One of the two publications can be replaced with a monograph or a text book relevant to his/her field of study (parts completed by the candidate, for a monograph, must be of at least 30,000 characters and, for a text book, must be of at least 50,000 characters); 2. One paper published on the optimal core journals can be calculated as three, published on the first-class core journals can be calculated as two. For papers published in SCI, EI, and SSCI, the letter of acceptance counts; 3. For master candidates, publications are not compulsory; 4. The above-mentioned is applicable to candidates under all types of programs of this college, including master candidates and doctoral candidates from Hong Kong, Macao and Taiwan. <p>Comprehensive Quality Requirements:</p> <p>Master: Ability to do research independently with various methods; have a good grasp of basic theories of his/her chosen field of study.</p> <p>PhD: Meeting the requirements of masters, and being highly proficient in certain domains.</p>		



Curriculum							
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses : Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language Study	2	FA/SP	C	O	
	000010102	The Study of Chinese Characteristics Theory and Practice	1	FA/SP	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
Compulsory Courses : Master <u>≥11</u> credits, PhD <u>≥6</u> credits	300010000	Professional English	2	FA	C		
	300010011-3 00010013	Interpretation of History and Theory	3	FA	C		
	300010021-3 00010025	Research Method	6	SP	C		
	300011011-3 00011013	Research Front	3	FA		C	
	300011021-3 00011023	Study of Classics	3	SP		C	
Optional Courses	300020101	Press in Taiwan	2	SP			
	300020102	Comparative Study of the System, Law&Policy in Communication	2	FA			
	300020103	The Study on the History of Chinese Media	2	SP			
	300020104	New Media Communication Research	2	FA			
	300020105	The Study of Communication Economics	2	FA			
	300020106	The Study of Documentary	2	SP			
	300020107	The Communication of Internet News	2	SP			
	300020108	Research Front of Finance&Economics Media	2	FA			
	300020109	Media&Politics in Taiwan	2	SP			



300020110	Contemporary History of Journalism	2	SP			
300020201	Media Study&Cultural Theories	2	SP			
300020202	The Study of Audience	2	SP			
300020203	The Theory of Habermas Democracy&Media	2	SP			
300020204	The Study on the Innovation of Communication Theories	2	SP			
300020205	The Study of Chinese Communication Theories	2	SP			
300020206	The Political Economy of Global Communication	2	FA			
300020207	The Research Front of Emotion and Communication	2	SP			
300020208	The Study of Problems in Social Network Communication	2	SP			
300020301	Social Psychology	2	SP			
300020302	Advertising Aesthetics	2	SP			
300020303	Advertising& Cross Cultural Communication	2	FA			
300030305	The Study of Public Relations	2	SP			
300020305	The Study of Social Media Marketing	2	FA			
300020306	The Communication of Brand Image	2	SP			
300030101	The Production of Documentary	2	FA			
300030102	The Study of Cellphone Media	2	FA			
300030201	Interpersonal Communication	2	SP			
300030202	The Visualization of Information	2	SU			
300030203	The Users of New Media Study	2	SP			
300030204	The Relation of media	2	SP			
300030301	The Study of Advertising Design	2	FA			
300030302	The Study of Consumer Behavior	2	FA			
300030303	The Operating Management of Media	2	SP			



	300030304	Sociology of Consumption	2	SP			
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by individual programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	1	Candidates are required to attend at least 20 academic lectures.	Monitored and recorded by the academic department of college's student association.			
Mid-term Assessment	C for PhDs	1	Candidates shall be proficient in basic theories and research methods.	It is usually held in the SP of the second academic year. It is organized as an interview conducted by at least three professors.			
Literature Review and Research Report	C	0	Candidates shall complete the literature review, present issues or assumptions, and corresponding solutions and verification methods.	It is usually held in the SP of the second academic year for master candidates; or the FA of the third academic year for PhDs. It is organized as interviews.			
Social Practice	C	1	Candidates are required to conduct social practice in relevant companies or organizations.	It shall last at least 4 consecutive weeks. The practice shall be evaluated by both the fieldwork supervisor and the thesis supervisor.			
Teaching Practice		0	PhDs are encouraged to work as the teaching assistant.				
Inter-Campus Communication and Exchange		0	PhDs are encouraged to study abroad for at least half a year.				
Mock Viva	C for PhDs	0	Before being sent for external examination, theses must be submitted to a supervisors committee which is made up of three professors (no specific limits to their professional titles). Only when a thesis is approved by all the three				



			professors, can it be sent for external examination; if it fails, it must be revised and can only apply for another pre-defense after at least two months.	
Thesis	<ol style="list-style-type: none"> 1. The subject shall be of theoretical or practical significance. 2. Issues or assumptions shall be new, and their backgrounds shall be clearly explained. 3. The process of verifying an assumption or obtaining a solution shall be scientific, objective, and rigorous; the structure shall be clear and the expression be coherent. 			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Publication	Author	Evaluation*	Remarks (C or O)
1	Foreign Major Journals			
2	Domestic Major Journals			
3	Professional Albums			
4	Albums of this School			
<p>Evaluation ways :</p> <ol style="list-style-type: none"> 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways. 				



Graduate Program for English Language and Literature, Foreign Linguistics & Applied Linguistics

School	College of Foreign Languages and Cultures	Student Type	Master & PhD				
Discipline	Foreign Languages and Cultures	Discipline Code	0502				
Subject included	English Language and Literature (050201); Foreign Linguistics & Applied Linguistics (050211);						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit	Master <u>32</u> credits: <u>30</u> credits for courses, <u>2</u> credits for other academic sections.						
Requirements	PhD <u>14</u> credits: <u>12</u> credits for courses, <u>2</u> credits for other academic sections.						
Program Objectives	<ol style="list-style-type: none"> 1. To cultivate talents for English teaching and research, and intercultural communication; 2. To equip its postgraduates with basic principles and methodology of Marxism and with a strong sense of dedication and morality. 						
Requirements of Research Ability and Other Aspects	<ol style="list-style-type: none"> 1. Candidates under this program are supposed to have a good grasp of English listening, speaking, reading, writing, and translating; 2. Candidates must master basic theories and professional knowledge on his/her field of study; 3. Candidates must be of the ability in spotting, analyzing and solving problems, and meet the requirements set in the Regulations of the People's Republic of China on Academic Degrees. 						
Curriculum							
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	020010004	Second Foreign Language Study	1	FA/SP	C		
	000010102	The Study of Chinese Characteristics Theory and Practice	1	SP	C		
	000010103	Marxism and Methodology for Social Sciences	2	FA	C	O	



<p>Compulsory Courses: Master \geq 6 credits, PhD \geq 2 credits</p>	020121001	Academic Writing	2	1(FA)	C	C	C for all post-graduates
	020131001	Functional Linguistics	2	1(FA)		C	C for doctoral candidates on Functional Linguistics and Discourse Analysis
	020131002	Bilingual Lexicography	2	1(FA)		C	C for doctoral candidates on Cultural Semantics, Bilingual Lexicography and Translation Studies
	020131003	Critical Linguistics	2	1(FA)	O	C	C for doctoral candidates on Critical Linguistics and Intercultural Communication
	020131004	Interpreting Studies	2	1(FA)	O	C	C for doctoral candidates on Interpreting Studies
	020131005	American Intellectual History	2	1(FA)	O	C	C for doctoral candidates on American Literature and Culture
	020131006	Selected Readings in American Ethnic Literature	2	1(FA)	O	C	C for doctoral candidates on American Minority Literature



	020331003	Studies of Applied Cognitive Linguistics	2	1(SP)	O	C	C for doctoral candidates on Cognitive Linguistics and Applied Linguistics
	020131007	Theories of Classical & Modern Literary Criticism	2	1(FA)	C	C	C for masters on British and American Literature
	020010001	Theories of Modern Literary Criticism	2	1(SP)	C	C	
	020010002	An Introduction to Linguistics	2	1(FA)	C		C for masters on Linguistics
	020331201	An Introduction to Semantics	2	1(SP)	C		
	020131301	Lexicography: An Introduction	2	1(FA)	C		C for masters on Bilingualism and Bilingual Dictionaries
	020131302	Bilingual Lexicography: An Introduction	2	2(FA)	C		
	020010003	Translation Studies in China and the West I	2	1(SP)	C	C	C for masters on Translation
	020131401	Translation Studies in China and the West II	2	2(FA)	C	O	
	020131501	Consecutive Interpreting	2	1(FA),1(SP)	C		C for masters on Interpreting
	020131502	Conference Interpreting	2	1(SP),2(FA)	C		
Optional Courses: Master ≥ 20 credits, PhD ≥ 8 credits	020131008	Selected Readings in Linguistics	2	1(FA)		C	Courses with "0" as their seventh digit of course codes are optional for doctoral candidates. Doctoral candidates should follow
	020131009	Studies in Text Analysis	2	1(SP)		C	
	020131010	Special Topics in Linguistics	2	1(SP)		C	
	020131011	Selected Readings in Interpreting Studies	2	1(SP)		C	
	020131012	Study of Interpreting as Intercultural Communication	2	1(SP)		O	
	020131013	Cultural Semantics	2	1(SP)		C	
	020131014	Intercultural Communication	2	1(SP)	O	C	
	020131007	Theories of Classical & Modern Literary Criticism	2	1(FA)	C	C	



020131015	American Literary Studies	2	1(SP)	O	C	<p>their supervisors' suggestion on optional courses.</p> <p>Optional courses for masters on British and American Literature are: courses with "1" as their seventh digit of course codes, course No. 020131005, 020131006, 020131015, 020131016, and 020131017.</p> <p>Optional courses for masters on Linguistics are: courses with "2" as their seventh digit of course codes, course No. 020131003, 020131014, 020131019, and 020331001.</p>
020131016	Selected Readings in American Ethnic Literary Reviews	2	1(SP)	O	C	
020131017	Eighteenth- and Nineteenth-Century British Novels	2	1(FA)	O	O	
020131018	Shakespearean Studies	2	1(SP)		O	
020131019	Psycholinguistics	2	1(SP)	O	O	
020331001	Classic Reader of Cognitive Linguistics	2	1(FA)		C	
020331002	Special Topics on Cognitive Grammar	2	1(SP)		O	
020131101	African American Literature	2	1(FA)	O		
020331101	American Twentieth Century Novel	2	1(FA)	C		
020131102	Modern and Contemporary English Literature	2	1(SP)	C		
020131103	Twentieth-Century British Fiction	2	1(SP)	O		
020131104	English Dramas	2	1(SP)	O		
020331102	Selected Readings of English Poetry	2	2(FA)	O		
020331103	Modernist Classics	2	2(FA)	O		
020131105	Jewish American Literature	2	2(FA)	O		
020131106	Selected Readings in American Postmodernist Fiction	2	2(FA)	O		
020131107	The plays of Shakespeare	2	2(FA)	O		
020131108	Greco-Roman and Hebrew-Christian Traditions	2	2(SP)	O		
020331104	Selected Readings of American Poetry	2	2(SP)	O		
020131201	Research Methods in Linguistics	2	1(FA)	C		
020131202	Corpus Linguistics	2	1(FA)	C		
020131203	An Introduction to Sociolinguistics	2	1(FA)	O		
020331202	Selective Readings of Cognitive Linguistics	2	1(FA)	C		



020331203	An Introduction to Cultural Studies	2	1(FA)	O		Optional courses for masters on Bilingualism and Bilingual Dictionaries are: courses with “3” as their seventh digit of course codes, course No. 020010003, 020131201, 020131202, 020131204, 020131205, 020131210, 020131403, 020131408, 020331201, and 020331205. Optional courses for masters on Interpreting are: courses with “5” as their seventh digit of course codes, course No. 020131004. Optional courses for masters on Translation are:
020131204	English Applied Linguistics	2	1(SP)	C		
020131205	English Rhetoric	2	1(SP)	C		
020131206	Research Design in Applied Linguistics	2	1(SP)	O		
020131207	Discourse Analysis and Translation	2	1(SP)	O		
020131208	Historical Linguistics	2	1(SP)	O		
020331204	Pragmatics	2	1(SP)	O		
020131209	Functional Grammar	2	2(FA)	C		
020131210	Statistics in Linguistics and Corpus Linguistics	2	2(FA)	O		
020131211	Studies in English for Specific Purposes	2	2(FA)	O		
020331205	Second Language Acquisition	2	2(FA)	O		
020331206	English Language Testing	2	2(FA)	O		
020131303	Studies of British and American Dictionaries	2	1(SP)	C		
020131304	Researching English Idioms and Compiling Dictionaries of English Idioms	2	2(FA)	C		
020131305	Lexicography: Selected Readings	2	2(FA)	C		
020131306	Bilingual Lexicography: Replacement and Practice	2	2(FA)	C		
020131503	Sight Interpreting I	2	1(FA)	C		
020131504	Language Enhancement for Interpreters	2	1(FA)	C		
020131505	Sight Interpreting II	2	1(SP)	C		
020131506	Public Speaking Skills for Interpreters	2	1(SP)	O		
020131507	Community Interpreting Studies	2	1(SP)	O		
020131508	Consecutive Interpreting (theme-oriented) I	2	1(SP)	O		



	020131509	Simulated Conferences for Simultaneous Interpreting I	2	1(SP)	O		courses with “4” as their seventh digit of course codes, course No. 020010001, 020010002, 020131202, 020131205, 020131206, 020131207, 020131209, 020331205, 020131102, and 020331105. All masters should take at least 9 optional courses on their fields, including those compulsory ones.
	020131510	Introduction to Sign Language Interpreting and Translation	2	1(SP)	O		
	020131511	Interpreting Workshop	2	2(FA)	O		
	020131512	Consecutive Interpreting (theme-oriented) II	2	2(FA)	O		
	020131513	Field Interpreting	2	2(FA)	O		
	020131514	Simulated Conferences for Simultaneous Interpreting II	2	2(FA)	O		
	020131515	Business English Interpreting	2	2(FA)	O		
	020131402	Theory and Application of Translation	2	1(FA)	C		
	020131403	Non-Literary Translation	2	1(FA)	O		
	020131404	Translation Workshop	2	2(FA)	C		
	020131405	Criticism and Appreciation of Translation	2	2(FA)	O		
	020331105	Literary Translation	2	2(FA)	O		
	020131406	Translational Writing	2	2(FA)	O		
	020131407	Computer Aided Translation	2	2(FA)	O		
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements			Evaluation (Ways and time)	
Academic Lectures	C	0	Masters are required to attend at least 10 lectures delivered by experts from home or abroad, and for PhDs, at least 15 lectures.			Attendance will be recorded by the college.	
Mid-term Assessment	C for PhDs	1	The assessment centers around candidates’ morality, course learning, thesis writing, and the grasp of the newest research in their field of study home and abroad. The assessment is conducted by the supervisor team authorized			It is usually held in the second semester of the second academic year or the first semester of the third academic year.	



			<p>by the dean of the department and is combined with the thesis proposal examination. Candidates who fail the assessment are not allowed to proceed to the thesis writing. The assessment counts one credit for PhDs.</p>	<p>It requires a report with PPT presentation and submission of the report form to the college for the record.</p>
Literature Review and Research Report	C	0	<p>During their study, all candidates shall attend, at least one time, CFLC Annual Postgraduate Symposium and present their papers at the symposium.</p>	
Thesis Proposal	C	0	<p>The thesis proposal shall be reported to the examination committee for examination and approval. The committee shall be composed of associate professors and full professors in its relevant field. The thesis proposal is supposed to cover the following elements: the current situation of the subject chosen and its significance and value, problems to be solved, data source, the framework of the thesis, his/her ideas, and main references.</p>	<p>It is usually held in the period from the second semester of the second academic year to the first semester of the third academic year. Candidates are required to deliver a thesis proposal report with PPT presentation to the examination committee. The results shall be submitted to the college for the record.</p>
Social Practice	C	1 credit for PhDs and 2 credits for masters.	<p>Candidates shall conduct social practices such as social investigation, social services, volunteer work for conferences, field investigation, etc. The testimonial provided by the corresponding organization shall be taken as the reference for the assessment of social practice.</p>	<p>PhDs shall accumulate a workload of at least 120 hours for social practice, and masters at least 240 hours for social and teaching practice.</p>
Teaching Practice	C		<p>Candidates can work as the teaching assistant, and/or an assistant for teaching secretaries, and/or undertake certain amount of teaching tasks.</p>	
Inter-Campus Communication and Exchange	O		<p>Candidates have opportunities to participate in exchange programs at home and abroad, and/or to attend international and national</p>	<p>Credits and scores will be recognized and transferred according to related</p>



			conferences; candidates also have the chance to apply for CSC scholarship. Candidates who participate in exchange programs shall complete at least two courses for the exchange program.	regulations.
Thesis	<ol style="list-style-type: none"> 1. Theses shall be written following the Regulations on Theses of the CFLC of Xiamen University. 2. Theses shall be completed without violating academic norms. 3. Theses shall be of academic value and innovation; subjects chosen shall deal with key problems in the research field. 4. To prepare for thesis writing, candidates are required to do rigorous research and voluminous literature reading and be fully aware of the history and the status quo of the chosen field; candidates are also required to determine the thesis subject and outline under the guidance of the supervisor. 5. Prior to thesis writing, candidates shall complete the thesis proposal and submit the thesis proposal to the supervisor for review. Only after the thesis proposal is approved, is the candidate allowed to commence the thesis writing. 6. Candidates are encouraged to apply for and complete scientific research projects independently, or by cooperating with the supervisor. 7. During the process of thesis writing, candidates shall report to the supervisor regularly. 			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
Masters on British and American Literature	Norton Anthology of American Literature (Latest Edition)		Paper	C
	Norton Anthology of British Literature		Paper	C
	Norton Anthology of Theory and Criticism		Paper	C
	Literature of the Western World (Upper Saddle River, New Jersey: Prentice Hall. Latest Edition)		Paper	C
Masters on Bilingualism and Bilingual Dictionaries	《双语词典学导论》	Huang Jianhua	Paper	C
	《英语词典初探》	Li Yinhua	Paper	C
	《双语词典学导论》	Huang Jianhua, Chen Chuxiang	Paper	C
	《词典论》	Huang Jianhua	Paper	C
	《双语词典学导论》	Huang Jianhua, Chen Chuxiang	Paper	C



	《双语词典编纂》	Li Ming, Zhou Jinhua	Paper	C
	Linguistics and Bilingual Dictionaries	AL-Kasimi, Ali M.	Paper	O
	Lexicography	Chapman, Robert Williams	Paper	O
	The Structure of English Idiom	Adam Makkai	Paper	O
	Modern Lexicography: An Introduction	Bejoint, Henri	Paper	O
	Idioms and Idiomaticity	Chitra Fernando	Paper	O
Masters on Linguistics	General Linguistics. Fourth Edition	Robins, R. H.	Paper	C
	An Introduction to Linguistics	Poole, Stuart C.	Paper	C
	Linguistics: An Introduction.	Radford, Andrew et al.	Paper	O
	Introducing Functional Grammar	Thompson, Geoff	Paper	C
	The Social Interpretation of Language and Meaning	Halliday, M.A.K.	Paper	C
	Linguistics and Bilingual Dictionaries	AL-Kasimi, Ali M.	Paper	O
	The Oxford Guide to Practical Lexicography	Atkins, B.T. Sue & Michael Rundell	Paper	O
	Philosophy of Language	Alston, W.P.	Paper	C
	How to Do Things with Words	Austin, J.L.	Paper	C
	Handbook for Writers of Research Papers	Joseph Gibaldi.	Paper	O
	Practical Stylistics	H.G. Widdowson	Paper	O
	Conditions for Second Language Learning.	Berard Spolsky	Paper, Discussion	O
	The Sociolinguistics of Language	Fasold, Ralph	Paper	C
	Sociolinguistics	Hudson, R. A	Paper	O
	《专门用途英语多学科研究》	Zhou Ping, Chen Kuiyang, Gu Zhizhong	Paper	C
	《学术英语-社科》	Ji Peiying, Zhang Ying	Paper	O
	《计算机辅助第二语言研究方法与应用》	Wang Lifei	Paper	C
	《中国学生英语口语语料库》	Weng Qiufang etc.	Paper	O
	《语言研究方法导论》	Jin Lixin	Paper	C
	《路径和手段：语言学和应用语言学研究方法》	Yu Genyuan	Paper	C
Continuum Companion to Research Methods in Applied Linguistics	Paltridge, B. & A. Phakiti	Paper	O	
Research Methods in Linguistics.	Litosseliti, L. ed.	Paper	O	



Cognitive Linguistics: An Introduction.	Evans, Vyvyan and Melaine Green	Paper	C
《双语语义表征及其通达机制》	Li Rongbao	Paper	C
《中国当代著名英语教学法流派》	Hu Chundong	Paper	C
Psycholinguistics	Thomas Scovel	Paper	O
The articulate mammal : an introduction to psycholinguistics	J. Aitchison	Paper	O
Cognitive Linguistics: An Introduction.	Evans, Vyvyan et al.	Seminar + Term Paper	C
The Oxford Handbook of Cognitive Linguistics.	Geeraert, Dirk	Seminar + Term Paper	C
Toward a Cognitive Semantics (Vol. 1, 2)	Talmy, Leonard	Seminar + Term Paper	O
Women, Fire, and Dangerous Things	Lakoff, George	Seminar + Term Paper	O
Introducing Applied Linguistics	S. Pit. Corder	Paper	C
Introducing Applied Linguistics	Ronald Carter	Paper	C
A Survey of Applied Linguistics	Ronald Wardhaugh & H. Douglas Brown	Paper	O
《西方语言学流派》	Liu Runqing	Paper	O
Pragmatics	Yan Huang	Two Reading Reports at mid-term and final term	C
Understanding Pragmatics	J. Verschueren	Two Reading Reports at mid-term and final term	C
《外语教教学科学研究中的统计方法》	Han Baocheng	Paper	C
Statistics in Language Studies	Woods, Anthony	Paper	O
Pragmatics	J. Peccei, Routledge	Two Reading Reports at mid-term and final term	O
《现代英语修辞学》	Hu Shuzhong	Paper	C
《英汉语言对比研究》	He Shanfen	Paper	C
《论大学英语教学》	Liu Runqing	Paper, Discussion	C
《英语修辞学》	Zhang Xiuguo	Paper	O
《新编语用学概要》	He Zhaoxiong	Two Reading Reports at mid-term and final term	O



Masters on Interpreting	《口译教程》	Lei Tianfang, Chen Jing	Recording Examination	O
	《走进口译》	Xiao Xiaoyan, Yang liuyan	Recording Examination	O
	《口译研究新探 – 新方法, 新观念, 新趋势》	Cai Xiaohong	Examination	C
	《英汉对比研究》	Lian Shuneng	Examination	C
	《新编英汉口译教程》		Examination	C
	《英汉汉英口译教程》		Examination	O
	《英汉同声传译》		Examination	C
	《口译教程》		Examination	O
	《英汉同声传译》	Zhang Weiwei	Paper	C
	《中国口译史》	Li Nanqiu	Paper	C
	Introducing Interpreting Studies.	Pochchacker, Franz	Paper	O
	《口译教程》		Oral Examination	C
	《译通两岸》		Oral Examination	O
	《实战口译》	Lin Chaolun	Audition	C
	《口译教程》	Lei Tianfang, Chen Jing	Audition	O
	《英语商务口译》	Zhao Junfeng	Routine Assessment 30%+Assignment30% + Final Examination40%	C
	《实用英语口语译教程》	Feng Jianzhong	Routine Assessment 30%+Assignment30% + Final Examination40%	O
Masters on Translation	《释意学派口笔译理论》	Le Dailei	Paper	O
	Readings in Translation Theory	Chesterman, Andrew	Paper	C
	Discourse and the Translator	Hatim, Basil	Paper	O
	《英汉翻译写作学》	Yang Shizhuo	Paper	C
	《西方翻译理论》	Zhong Weihe	Examination	C
	《文学翻译的理论与实践》	Xu Jun	Examination	O
	《翻译工作坊 (汉译英)》	Li Ming	Examination	C



《高级英汉翻译教程》	Ye Zinan	Examination	O
《文学翻译批评理论》	Xu Jun	Examination	C
《实用翻译教程：英汉互译》	Feng Qinghua	Examination	O
《英汉比较研究与翻译》	Xiao Liming	Paper	O
《翻译探微》	Zhu Chunshen	Examination	O
《文学翻译的理论与实践》	Xu Jun	Examination, Paper	O
《机器翻译简明教程》	Li Zhengshuang, Meng Junmao	Paper	C
Electronic Tools For Translators	Frank Austermühl	Paper	O
Translation, History and Culture	Bassnett, Susan and Andre Lefevere	Examination, Paper	C
《中国学生英语口语笔语语料库》	Weng Qiufang etc.	Paper	O
《变译理论》	Huang Zhonglian	Examination	C
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>			



Graduate Program for Russian Language and Literature

College	College of Foreign Languages and Cultures	Student Type	Master				
Discipline	Foreign Languages and Cultures	Discipline Code	0502				
Subject included	Russian Language and Literature (050202)						
Length of Study	Master <u>3</u> years						
Credit Requirements	Master ≥ 30 credits: ≥ 28 credits for courses, <u>2</u> credits for other academic sections.						
Program Objectives	<p>1. To be dedicated to the motherland and its people, to support the leadership of the Communist Party of China and the socialist system, and to strive for China's rejuvenation and modernization;</p> <p>2. To be proficient in Russian the language itself, along with Russian linguistics and literature; to be systematically aware of its status quo and the trend of its development; to be equipped with skills and strategies for researches on Russian linguistics and literature; to be eligible for teaching and doing research in this field; to be of the ability to search for and read literature and other data in Chinese, Russian and English; to abide by academic norms consciously;</p> <p>3. To be of the competence to work in educational institutions, scientific research institutions, government offices, and enterprises.</p>						
Requirements of Research Ability and Other Aspects	<p>1. This program focuses on developing candidates' ability to do research, lifelong reading, and to do innovative work;</p> <p>2. Candidates are required to be healthy both mentally and physically;</p> <p>3. Candidates must have a good grasp of the basic concepts and theories of the field they study;</p> <p>4. Candidates are supposed to be equipped with strong skills to collect, process and analyze literature and other information;</p> <p>5. The thesis completed must be of theoretical and practical significance.</p>						
Curriculum							
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits	020010004	Second Foreign Language Study	1	FA/SP	C		
	000010102	The Study of Chinese Characteristics Theory and Practice	1	SP	C		



	000010103	Marxism and Methodology for Social Sciences	2	FA	C	O	
Compulsory Courses: Master ≥ 14 credits	020010003	Translation Studies in China and the West	2	SP	C		c for all candidates
	020222001	Introduction to Modern Russian	4	FA/SP	C		
	020222002	Russian Academic Writing	2	FA	C		
	020232001	Russian Language & Culture	2	SP	C		
	020232002	Modern Russian & Russian Culture	2	FA	C		
	020232003	Literary Theories on the 20th Century	2	SP	C		
	020232004	History of Russian Literature	2	FA/SP	C		
	020232005	Advanced Russian Audio, Video and Oral Training	2	FA/SP	C		
Optional Courses	020232006	Contemporary Russian Studies	2	FA	O		At least 5 courses shall be taken.
	020232007	Study of Russian Newspaper Language	2	SP	O		
	020232008	Contemporary Russian Newspapers	2	FA	O		
	020232009	Appreciation and Analysis of Russian Literary Works	2	SP	O		
	020232010	Russian Sociolinguistics	2	FA	O		
	020232011	Russian Rhetoric	2	SP	O		
	020232012	Russian Translation Theory	2	FA	O		
	020232013	Russian Interpretation: Theory and Practice	2	SP	O		
	020232014	20 th Century Russian Fiction	1	SU	O		
	020232015	Russian Culture & Art	1	SU	O		
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different disciplines.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements				Evaluation (Ways and time)
Academic Lectures	C	0	Masters are required to attend at least 10 lectures delivered by experts from home or abroad, and for PhDs, at least 15 lectures.				Attendance will be recorded by the college.



Mid-term Assessment	C	1 credit for PhDs.0 credit for masters	The assessment centers around candidates' morality, course learning, thesis writing, and their grasp of the newest research in their field of study home and abroad. The assessment is conducted by the supervisor team authorized by the dean of the department and is combined with the thesis proposal examination. Candidates who fail the assessment are not allowed to proceed to the thesis writing.	It is usually held in the second semester of the second academic year or the first semester of the third academic year. It requires a report with PPT presentation and submission of the report form to the college for the record.
Literature Review and Research Report	C	0	During their study, all candidates shall attend, at least one time, CFLC Annual Postgraduate Symposium and present their papers at the symposium.	
Thesis Proposal	C	0	The thesis proposal shall be reported to the examination committee for examination and approval. The committee shall be composed of associate professors and full professors in its relevant field. The thesis proposal is supposed to cover the following elements: the current situation of the subject chosen and its significance and value, problems to be solved, data source, the framework of the thesis, his/her ideas, and main references.	It is usually held in the period from the second semester of the second academic year to the first semester of the third academic year. Candidates are required to deliver a thesis proposal report with PPT presentation to the examination committee. The results shall be submitted to the college for the record.
Social Practice	C	1 credit for PhDs; 2 credits for Masters.	Candidates shall conduct social practices such as social investigation, social services, volunteer work for conferences, field investigation, etc. The testimonial provided by the corresponding organization shall be taken as the reference for the assessment of social practice.	PhDs shall accumulate a workload of at least 120 hours for social practice, and masters at least 240 hours for social and teaching



Teaching Practice	C		Candidates can work as the teaching assistant, and/or an assistant for teaching secretaries, and/or undertake certain amount of teaching tasks.	practice.
Inter-Campus Communication and Exchange	O		Candidates have opportunities to participate in exchange programs at home and abroad, and/or to attend international and national conferences; candidates also have the chance to apply for CSC scholarship. Candidates who participate in exchange programs must complete at least two courses for the exchange program.	Credits and scores will be recognized and transferred according to related regulations.
Thesis			<ol style="list-style-type: none"> 1. Theses shall be written following the Regulations on Theses of the CFLC of Xiamen University. 2. Theses shall be completed without violating academic norms. 3. Theses shall be of academic value and innovation; subjects chosen shall deal with key problems in the research field. 4. To prepare for thesis writing, candidates are required to do rigorous research and voluminous literature reading and be fully aware of the history and the status quo of their chosen field; candidates are also required to determine the thesis subject and outline under the guidance of the supervisor. 5. Prior to thesis writing, candidates shall complete the thesis proposal and submit the thesis proposal to the supervisor for review. Only after the thesis proposal is approved, is the candidate allowed to commence the thesis writing. 6. Candidates are encouraged to apply for and complete scientific research projects independently, or by cooperating with the supervisor. 7. During the process of thesis writing, candidates shall report to their supervisors regularly. 	
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	俄语修辞学, 外语教学与研究出版社, 1988	Lv Fangsong Zheng Kun, Xu Zhongli	Reading Report	C
2	修辞学通论, 上海外语教育出版社, 2002	Zhang Huisen	Academic Salon	O
3	俄语修辞学教程, 上海外语教育出版社, 2010	Zhu Min	Academic Salon	O
4	当代俄罗斯, 外语教学与研究出版社, 2008	Dai Guiju	Reading Report	C
5	转型中的俄罗斯社会与文化, 上海人民出版社, 2005	Feng Shaolei	Academic Salon	O
6	俄罗斯国家转型研究, 社会科学文献出版社, 2013	Lu Nanquan	Academic Salon	O
7	俄罗斯文化, 上海社会科学院出版社, 2013	Yao Hai	Reading Report	O



8	Язык и культура. М., 1990	Верецагин Е.М., Костомаров В.Г.	Academic Salon	C
9	Национальные социокультурные стереотипы речевого общения и их роль в обучении русскому языку иностранцев. М., 1997.	Прохоров Ю.Е.	Reading Report	O
10	语言文化学, 上海外语教育出版社, 2006	Peng Wenzhao	Academic Salon	O
11	巴赫金全集, 河北教育出版社, 2009	Qian Zhongwen	Reading Report	C
12	陌生化诗学: 俄国形式主义研究, 北京师范大学出版社, 2000	Zhang Bing	Academic Salon	O
13	俄国形式主义文论选, 郑州大学出版社, 1989	(俄)维克托·什克洛夫斯基 等著, 方珊等译	Academic Salon	O
14	90年代俄语的变化和发展, 商务印书馆, 1999	Zhang Huisen	Academic Salon	O
15	Языковой вкус эпохи. Златоуст, 1999	Костомаров В. Г.	Academic Salon	O
16	学术论文写作	广东高等教育出版社, 2006	Reading Report	C
17	学术论文写作手册(第7版), 北京大学出版社, 2008	Windler, A.C.	Academic Salon	O
18	Как писать по-английски научные статьи. Специальная литература, 1995	Михельсон Т. Н.	Academic Salon	O
19	Современный русский язык, в двух частях. М., Академия, 2001	Диброва Е.И.	Reading Report	C
20	Русская грамматика. М., Наука, 1980.	РА	Academic Salon	O
21	Внешние и внутренние факторы языковой эволюции. М., 2004.	Журавлев В.К.	Academic Salon	O
22	文化理论与俄罗斯文化史, 敦煌文艺出版社. 2003	斯科瓦尔佐娃著, 王亚民译	Reading Report	C
23	俄罗斯文学史, 北京大学出版社, 2003	Ren Guangxuan	Academic Salon	O
24	Теория перевода. М.: Высшая школа, 1990	Костомаров В.Н.	Reading Report	C
25	俄罗斯文学名著选读, 外语教学与研究出版社, 1998	Zhang Jianhua	Academic Salon	O
26	释意学派口笔译理论, 中国翻译出版公司, 2001	(法) 玛丽娅·勒代雷, 刘和平译	Academic Salon	O
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Japanese Language and Literature

School	College of Foreign Languages and Cultures	Student Type	Master & PhD				
Discipline	Foreign Languages and Cultures	Discipline Code	0502				
Subject included	Japanese Language and Literature (050205)						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit Requirements	Master <u>>26</u> credits; <u>≥ 24</u> credits for courses, <u>2</u> credits for other academic sections.						
	PhD <u>≥ 14</u> credits; <u>≥12</u> credits for courses, <u>2</u> credits for other academic sections.						
Program Objectives	<p>This program aims to cultivate talents equipped with the knowledge of basic theories and concepts, and the ability to do research and solve problems. After completing this program, candidates are expected:</p> <ol style="list-style-type: none"> 1. to have a good grasp of Japanese linguistics theories and other relevant concepts; 2. to be competent to deal with Japanese-related issues; 3. to be of the ability to discover, analyze and solve problems; 4. to be proficient in the second foreign language so that they are able to read and translate texts written in the foreign language; and 5. to be healthy both mentally and physically. 						
Requirements of Research Ability and Other Aspects	Candidates under this program are required of high quality and academic ethics; they are supposed to grasp the basic theories of their chosen field and skills needed for flexible and effective research; they are also expected to have critical thinking skills, and meet the requirements set in the Regulations of the People's Republic of China on Academic Degrees.						
Curriculum							
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	020010004	Second Foreign Language Study	1	FA/SP	C		
	000010102	The Study of Chinese Characteristics Theory and Practice	1	SP	C		
	000010103	Marxism and Methodology for Social Sciences	2	FA	C	C	
Compulsory Courses:	020435001	Introduction to Comparative Cultural Studies	2	FA		C	



Master \geq 12 credits, PhD \geq 6 credits	020435002	Selected Readings of Japanese Culture	2	SP		C	PhDs must take at least three doctoral courses. Masters must take at least six masters' courses
	020435003	Comparative Cultural Studies	2	SP		C	
	020435004	Contrastive Studies of Culture	2	FA	C	O	
	020435005	Japanese Sinology Studies	2	FA	C	O	
	020010001	Theories of Modern Literary Criticism	2	SP	O (one of three)		
	020010002	An Introduction to Linguistics	2	FA			
	020010003	Translation Studies in China and the West	2	SP			
	020435101	Study on Translation	2	FA	C		
	020435102	Japanese Linguistics	2	FA	C		
	020435103	Classical Japanese Literature	2	FA	C		
	020435104	Japanese Literature and Literary Criticism	2	SP	C		
Optional Courses: Master 8 credits, PhD 4 credits	020131009	Study on Discourse Analysis	2	SP		O	PhDs must take at least two doctoral courses. Masters must take at least four masters' courses.
	020435007	Study on Japanese Culture	2	SP	C	O	
	020131001	Functional Linguistics	2	SP		O	
	020131014	Cross-cultural Communication	2	SP		O	
	020435105	Translation and Culture	2	SP	C		
	020435106	Comment on Translation	2	FA	O		
	020435107	Consecutive Interpreting	2	SP	O		
	020435108	Teaching Methods of Japanese	2	SP	O		
	020435109	Comparative Studies in Chinese and Japanese Cultures & Languages	2	SP	O		
	020435110	Comparative Literature and Comparison Poetics	2	FA	O		
	020435111	Comparative Literature Research	2	SP	O		
	020435112	Classical Japanese Literature	2	SP	O		
	020435113	Modern and Contemporary Japanese Literature	2	FA	O		
	020435114	Special Topics in Japanese Literature	2	SP	O		
	020425101	Contrast Cultural Methodology	2	FA	O		
020425102	Cultural Exchange History of China and Japan	2	SP	O			
020425103	The Analysis of Japanese Classics	2	FA	O			



Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different disciplines.			
Other Academic Sections (C-Compulsory; O-Optional)				
Category	C or O	Credit	Requirements	Evaluation (Ways and time)
Academic Lectures	C	0	Masters are required to attend at least 10 lectures delivered by experts from home or abroad, and for PhDs, at least 15 lectures.	Attendance will be recorded by the college.
Mid-term Assessment	C	1 credit for PhDs; 0 credit for masters	The assessment centers around candidates' morality, course learning, thesis writing, and their grasp of the newest research in their field of study home and abroad. The assessment is conducted by the supervisor team authorized by the dean of the department and is combined with the thesis proposal examination. Candidates who fail the assessment are not allowed to proceed to the thesis writing.	It is usually held in the second semester of the second academic year or the first semester of the third academic year. It requires a report with PPT presentation and submission of the report form to the college for the record.
Literature Review and Research Report	C	0	During their study, all candidates shall attend, at least one time, CFLC Annual Postgraduate Symposium and present their papers at the symposium.	
Thesis Proposal	C	0	The thesis proposal shall be reported to the examination committee for examination and approval. The committee shall be composed of associate professors and full professors in its relevant field. The thesis proposal is supposed to cover the following elements: the current situation of the subject chosen and its significance and value, problems to be solved, data source, the framework of the thesis, his/her ideas, and main references.	It is usually held in the period from the second semester of the second academic year to the first semester of the third academic year. Candidates are required to deliver a thesis proposal report with PPT presentation to the examination committee. The results shall be submitted to the college for the record.
Social Practice	C	1 credit for PhDs; 2 credits for masters.	Candidates shall conduct social practices such as social investigation, social services, volunteer work for conferences, field investigation, etc. The testimonial provided by the corresponding organization shall be taken as the reference for the assessment of social practice.	PhDs shall accumulate a workload of at least 120 hours for social practice, and masters at least 240 hours for social and teaching practice.
Teaching	C		Candidates can work as the teaching assistant, and/or an	



Practice			assistant for teaching secretaries, and/or undertake certain amount of teaching tasks.	
Inter-Campus Communication and Exchange	O		Candidates have opportunities to participate in exchange programs at home and abroad, and/or to attend international and national conferences; candidates also have the chance to apply for CSC scholarship. Candidates who participate in exchange programs must complete at least two courses for the exchange program.	Credits and scores will be transferred and recognized according to related regulations.
Thesis	<ol style="list-style-type: none"> 1. Theses shall be written following the Regulations on Theses of the CFLC of Xiamen University 2. Theses shall be completed without violating academic norms. 3. Theses shall be of academic value and innovation; subjects chosen shall deal with key problems in the research field. 4. To prepare for thesis writing, candidates are required to do rigorous research and voluminous literature reading and be fully aware of the history and the status quo of the chosen field; candidates are also required to determine the thesis subject and outline under the guidance of the supervisor. 5. Prior to thesis writing, candidates shall complete the thesis proposal and submit the thesis proposal to the supervisor for review. Only after the thesis proposal is approved, is the candidate allowed to commence the thesis writing. 6. Candidates are encouraged to apply for and complete scientific research projects independently, or by cooperating with the supervisor. 7. During the process of thesis writing, candidates shall report to the supervisor regularly. 			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
PhD				
1	日语语言学（高等教育出版社 2006）	Zhai Dongna	Assessment	C
2	日本人视野中的中国学（中国人民大学出版社 1996）	沟口雄三	Reading Report	O
3	东亚论（吉林人民出版社 2004）	子安宣邦	Reading Report	O
4	日本的中国形象（人民出版社 2010）	Wu Guanghui	Reading Report	O
5	日本汉学史（上海外语教育出版社 2002）	Li Qing	Assessment	C
6	日本汉文学论考（上海古籍出版社 2009）	冈村繁	Assessment	C
7	日本文化概论（南开大学出版社 2003）	Han Lihong	Assessment	C
8	中日文化交流史大系（浙江人民出版社 1996）	Wang Yong	Reading Report	O
9	日本文学史（经济日报出版社 2000）	Ye Weiqu	Reading Report	O



10	日本人論再考（日本放送出版協会 2003）	船曳建夫	Assessment	C
11	日本近代文学の起源（講談社 1988）	柄谷行人	Assessment	C
12	意識と本質（岩波文庫 1991）	井筒俊彦	Reading Report	O
Master				
13	汉日双向全译实践教程（黑龙江大学出版社 2014）	陈端端,高芑	Assessment	C
14	意识与表达（厦门大学出版社 2010）	Chen Duanduan	Assessment	C
15	日语口译学论稿（东北师范大学出版社 2000）	Xu Bing	Assessment	C
16	日语语言学（高等教育出版社 2006）	Zhai Dongna	Assessment	C
17	日本人视野中的中国学（中国人民出版社 1996）	沟口雄三	Reading Report	O
18	东亚论（吉林人民出版社 2004）	子安宣邦	Reading Report	O
19	日本の中国形象（人民出版社 2010）	Wu Guanghui	Reading Report	O
20	日本汉学史（上海外语教育出版社 2002）	Li Qing	Assessment	C
21	日本汉文学论考（上海古籍出版社 2009）	冈村繁	Assessment	C
22	论翻译（中国对外翻译出版公司 1985）	金隄、奈达	Assessment	C
23	日本文化概论（南开大学出版社 2003）	Han Lihong	Assessment	C
24	中日文化交流史大系（浙江人民出版社 1996）	Wang Yong	Reading Report	O
25	日本文学史（经济日报出版社 2000）	Ye Weiqu	Reading Report	O
26	日本人論再考（日本放送出版協会 2003）	船曳建夫	Assessment	C
27	日本文学研究の方法（有精堂）	日本文学研究資料叢書	Assessment	C
28	読むための理論（世織書房 1991）	小森陽一・島村輝	Assessment	C
29	日本近代文学の起源（講談社 1988）	柄谷行人	Assessment	C
30	翻訳語の論理——言語に見る日本文化の構造（日本法政大学出版局 2003）	Liu Fuzhan	Reading Report	O
31	現代日本語学入門（明治書院 2009）	荻野綱男	Assessment	C
32	意識と本質（岩波文庫 1991）	井筒俊彦	Reading Report	O
Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report.				



Graduate Program for French Language and Literature

School	College of Foreign Languages and Cultures	Student Type	PhD & Master				
Discipline	Foreign Languages and Cultures	Discipline Code	0502				
Subject included	French Language and Literature (050203)						
Length of Study	Master <u>3</u> years						
Credit Requirements	Master ≥ 30 credits: ≥ 28 credits for courses, <u>2</u> credits for other academic sections.						
Program Objectives	<p>1. To have a good grasp of basic theories and concepts of the French language and culture, and those of French culture study;</p> <p>2. To be of the ability to do research on and to solve problems related to French language and culture and French culture study;</p> <p>3. To be of the ability to conduct academic researches and academic exchanges in French and English.</p>						
Requirements of Research Ability and Other Aspects	Prior to applying for a thesis defense, candidates are required to have published at least one paper in journals with CN serial numbers, or to have compiled or to have translated at least 50,000 characters in published monographs, or to have published one paper in CNKI publications.						
Curriculum							
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits	020010004	Second Foreign Language Study	1	FA/SP	C		
	000010102	The Study of Chinese Characteristics Theory and Practice	1	SP	C		
	000010103	Marxism and Methodology for Social Sciences	2	FA	C		
Compulsory Courses: Master \geq <u>10</u> credits	020533001	Comparative Literature & Comparative Poetics	2	SP	C		Lectured in Chinese
	020533002	Introduction to Literary Theory	2	FA	C		Lectured in French and Chinese
	020533003	French Linguistics	2	FA	C		Lectured in French and Chinese



	020533004	Cross-cultural Theory and Practice	2	SP	C		Lectured in French and Chinese
	020533005	Speech Communication Theory	2	FA	C		Lectured in French and Chinese
	020533106	French Literary Translation	2	FA	C		
Optional Courses (At least 7 courses, 14 credits)	020533006	Academic Translation	2	FA	O		Lectured in French and Chinese
	020533007	French Discourse Analysis	2	SP	O		Lectured in French and Chinese
	020533008	Literary Critical Theory	2	SP	O		Lectured in French and Chinese
	020533009	Comparative Literature Studies	2	SP	O		Lectured in French and Chinese
	020533010	Guided Readings in French Literature Works	2	FA	O		Lectured in French and Chinese
	020533011	Non-literary Translation	2	SP	O		Lectured in French and Chinese
	020533012	French-Chinese Interpretation	2	SP	O		Lectured in French and Chinese
	020533013	Methodology for Foreign Language Teaching and Research	2	SP	O		Lectured in French and Chinese
	020533014	Comparative Studies of Chinese and French Textbooks	2	SP	O		Lectured in French and Chinese
	020523001	Advanced French Audio-Visual Practice	2	FA	O		Lectured in French
	020523002	Special Research seminar	1	SU	O		Lectured in French and Chinese
	020533015	18th Century French Literature	2	FA	O		
	Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different disciplines.					
Other Academic Sections (C-Compulsory; O-Optional)							



Category	C or O	Credit	Requirements	Evaluation (Ways and time)
Academic Lectures	C	0	Masters are required to attend at least 10 lectures delivered by experts from home or abroad, and for PhDs, at least 15 lectures.	Attendance will be recorded by the college.
Mid-term Assessment	C	1 credit for PhDs; 0 credit for masters.	The assessment centers around candidates' morality, course learning, thesis writing, and their grasp of the newest research in their field of study home and abroad. The assessment is conducted by the supervisor team authorized by the dean of the department and is combined with the thesis proposal examination. Candidates who fail the assessment are not allowed to proceed to the thesis writing.	It is usually held in the second semester of the second academic year or the first semester of the third academic year. It requires a report with PPT presentation and submission of the report form to the college for the record.
Literature Review and Research Report	C	0	During their study, all candidates shall attend, at least one time, CFLC Annual Postgraduate Symposium and present their papers at the symposium.	
Thesis Proposal	C	0	The thesis proposal shall be reported to the examination committee for examination and approval. The committee shall be composed of associate professors and full professors in its relevant field. The thesis proposal is supposed to cover the following elements: the current situation of the subject chosen and its significance and value, problems to be solved, data source, the framework of the thesis, his/her ideas, and main references.	It is usually held in the period from the second semester of the second academic year to the first semester of the third academic year. Candidates are required to deliver a thesis proposal report with PPT presentation to the examination committee. The results shall be submitted to the college for the record.
Social Practice	C		Candidates shall conduct social practices such as social investigation, social services, volunteer work for conferences, field investigation, etc. The testimonial provided by the corresponding organization shall be taken as the reference for the assessment of social practice.	PhDs shall accumulate a workload of at least 120 hours for social practice, and masters at least 240 hours for social and teaching practice.
Teaching Practice	C		Candidates can work as the teaching assistant, and/or an assistant for teaching secretaries, and/or undertake certain amount of teaching tasks.	



Inter-Campus Communication and Exchange	O	<p>Candidates have opportunities to be sent by the university or the college to participate in exchange programs at home and abroad, or to attend international and national conferences; candidates also have the chance to apply for CSC scholarship.</p> <p>Candidates who participate in exchange programs must complete at least two courses for the exchange program.</p>	Credits and scores will be transferred and recognized according to related regulations.	
Thesis	<ol style="list-style-type: none"> 1. Theses shall be written following the Regulations on Theses of the CFLC of Xiamen University 2. Theses shall be completed without violating academic norms. 3. Theses shall be of academic value and innovation; subjects chosen shall deal with key problems in the research field. 4. To prepare for thesis writing, candidates are required to do rigorous research and voluminous literature reading and be fully aware of the history and the status quo of the chosen field; candidates are also required to determine the thesis subject and outline under the guidance of the supervisor. 5. Prior to thesis writing, candidates shall complete the thesis proposal and submit the thesis proposal to the supervisors for review. Only after the thesis proposal is approved, is the candidate allowed to commence the thesis writing. 6. Candidates are encouraged to apply for and complete scientific research projects independently, or by cooperating with the supervisor. 7. During the process of thesis writing, candidates shall report to the supervisor regularly. 			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	文学理论 (北大版)	Nan Fan etc.	Reading Report/Literature Review	C
2	Littérature : 140 textes théoriques et critiques (Armand Colin)	Jacques Vassevière, Nadine Tournel	Reading Report/Literature Review	C
3	Sémantique Linguistique (Larousse)	John Lyons	Reading Report/Literature Review	
4	Introduction à La Linguistique Française I、II (Hachette Supérieur)	Jean-Louis Chiss	Reading Report/Literature Review	C
5	Introduction à la traductologie (De boeck)	Mathieu Guidère	Reading Report/Literature Review	C
6	Interpréter pour traduire (Didier-Erudition)	Danica Seleskovitch,	Reading Report/Literature	C



		Marianne Lederer	Review	
7	La traduction aujourd'hui (Hachette)	Mariane Lederer	Reading Report/Literature Review	C
8	跨文化交际学 (华东师大版)	Chen Guoming	Reading Report/Literature Review	C
9	言语交际学 (三联书店版)	Zhao Yi, Qian Weigang	Reading Report/Literature Review	
10	翻译学概论 (译林版)	Xu Jun, Mu Lei	Reading Report/Literature Review	C
11	现代外语教学理论、实践与方法 (上海教育版)	Shu Dingfang, Zhuang Zhixiang	Reading Report/Literature Review	C
Evaluation ways: Reading Report/Literature Review.				



Graduate Program for Musicology and Dancology

School	College of the Art	Student Type	Master
Discipline	Music and Dance	Discipline Code	1303
Subject included			
Length of Study	Master <u>3</u> years		
Credit Requirements	Master ≥ 27 credits: ≥ 25 credits for courses, <u>2</u> credits for other academic sections.		
Program Objectives	<p>1. To have a good grasp of Marxism-Leninism, Mao Zedong Thought and Deng Xiaoping Theory; to adhere to the Party's basic line for the entire historical period of socialism; to be dedicated to the motherland and abide by its laws and regulations; to actively devote himself/herself to China's modernization;</p> <p>2. To be proficient in basic theories and concepts of musicology and dancology; under the guidance of his/her supervisor, to enhance his/her ability to do scientific research and to develop his/her management ability and to make achievements in the field of research and management;</p> <p>3. To be fully aware of the development of the chosen field at home and abroad; to update knowledge and techniques at home and abroad.</p> <p>This program aims to cultivate professionals for art creation and teaching. After completing this program, candidates are supposed to be equipped with basic theories and methodologies for art creation, the development history of art, the status quo of art creation, academic norms and thesis writing skills. Candidates are also expected to be of the ability to do high-level artwork independently with subjects displaying individual characteristics and ideas, and its integrity with other fields.</p>		
Requirements of Research Ability and Other Aspects	<p>Performing-oriented:</p> <p>In order to foster professionals with both integrity and professional competence, candidates are required to:</p> <ol style="list-style-type: none"> 1. possess basic theories and concepts of humanities and the field they study, and grasp methodologies for scientific researches; 2. be of the ability to do research independently; 3. grasp necessary skills and theories for performing; 4. be of the ability to make achievements in related fields. <p>During their study, performing-oriented candidates must participate in 1 provincial or higher level performance, work for his/her supervisor's projects and deliver certain academic achievements, or give a recital (including more than 1 hour performing time).</p>		



	Theory-oriented: During their study, candidates must participate in a provincial or higher level exhibition, or work for his/her supervisor's projects and deliver certain academic achievements, or hold more than one art exhibition (including 20-40 pieces of artworks independently created).					
Curriculum (*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)						
Category	Course Code	Course Name	Credit	Semester	Master	Remarks
General Courses: Master <u>4</u> credits	000010201	First Foreign Language Study	1	FA/SP	C	
	000010102	The Study of Chinese Characteristics Theory and Practice	1	SP	C	
	000010103	Marxism and Methodology for Social Sciences	2	FA	C	
Compulsory Courses: Master \geq <u>5</u> credits	070220001	Literature search and academic writing	1	SP	C	
	070010001	History of humanities and art	2	FA	C	Candidates shall select one 2-credit course from the college of Fine Arts or Humanities or Architecture
	070010002	Contemporary culture and art ideology	2	SP	C	Lectured by teachers from different colleges
Optional Courses	070220002	Theories of music performing	2		C	C for candidates of the performing-oriented program
	070220003	Music theories and research methodology	2		C	C for candidates of the theory-oriented program
	070230004	Core module of each major 1	3	FA(1)	C	C for candidates of the performing-oriented program
	070230005	Core module of each major 2	3	SP(1)	C	
	070230006	Core module of each major 3	3	FA(2)	C	
	070230007	Core module of each major 4	3	SP(2)	C	
	070230008	Research in the specific field 1	3	FA(1)	C	C for candidates of the theory-oriented program
	070230009	Research in the specific field 2	3	SP(1)	C	
070230010	Research in the specific field 3	3	FA(2)	C		



	070230011	Research in the specific field 4	3	SP(2)	C	
	070230012	Alternative field 1	1		O	Non-major courses offered by the college
	070230013	Alternative field 2	1		O	Non-major courses offered by the college
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different programs.					
Other Academic Sections (C-Compulsory; O-Optional)						
Category	C or O	Credit	Requirements			Evaluation (Ways and time)
Academic Lectures and Reports	C	1	Candidates are required to attend at least 20 academic lectures or reports.			
Literature Review and Thesis Proposal	C		A report on the thesis proposal shall be delivered with candidates, supervisors and experts in presence. Candidates are required to present a report covering the following elements: supporting materials for the chosen subject, its meaning, methodologies adopted, and potential obstacles and problems. Supervisors and experts will ask questions concerning the chosen subject. If it is not approved, the candidate shall apply for a report on the thesis proposal for a second time.			
Art Practice	1 out of the 3	1	Candidates are required to participate in at least 4 competitions related to the field they study, or conduct one field investigation.			
Teaching Practice		1	Candidates shall teach one subject individually, or be the supervisor's teaching assistant, or deliver one academic report.			
Inter-Campus Communication and Exchange		1	Candidates shall complete a short term (more than 1 month) study in other campuses or participate in at least 5 academic exchange activities.			
Thesis			The thesis shall be theoretically combined with the graduation performance. The graduation performance takes up 60% of the final score, and			



			the thesis 40%.	
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Fine Arts

School	College of the Art	Student Type	Master			
Discipline	Fine Arts (Theory)	Discipline Code	1304			
Subject included	Fine Arts (130401)					
Length of Study	Master: <u>3</u> years					
Credit Requirements	Master \geq <u>27</u> credits \geq <u>25</u> credits for courses, <u>2</u> credits for other academic sections.					
Program Objectives	This program aims to cultivate professionals for art creation and teaching. After completing this program, candidates are supposed to be equipped with basic theories and methodologies for art creation, the development history of art, the status quo of art creation, academic norms and thesis writing skills. Candidates are also expected to be of the ability to do high-level artwork independently with subjects displaying individual characteristics and ideas, and its integrity with other fields.					
Requirements of Research Ability and Other Aspects	Candidates are required to be proficient in basic theories and concepts in the field they study, and in art creation. During their study, candidates must participate in a provincial or higher level exhibition, or work for his/her supervisor's projects and deliver certain academic achievements, or hold more than one art exhibition (including 20-40 pieces of artworks independently created).					
Curriculum						
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)						
Category	Course Code	Course Name	Credit	Semester	Master	Remarks
General Courses: Master <u>4</u> credits	000010201	Foreign Languages	2	FA/SP	C	
	000010102	Study on the theory and practice of socialism Chinese characteristics	1	FA	C	
	000010103	Marxism and Methodology for Social Sciences	1	SP	C	
Compulsory Course: Master \geq <u>5</u> credits	070110000	Literature retrieval and paper writing	1	SP	C	
	070110001	The humanities, history of Art	2	1st(FA)	C	Candidates shall select one 2-credit course from the college of Fine Arts or Humanities or Architecture.
	070110002	The contemporary theory of	2	SP	C	Lectured by teachers



		culture and art thoughts				from different colleges
Optional Courses	070120001	Basic construction Principle and practice	2		C	C for candidates of the fine arts-oriented program
	070111101	Research on the professional theory and method	2		C	C for candidates of the theory-oriented program
	070130001	Research on the creation of professional 1 (Fine Arts)	3	1st(FA)	C	C
	070130002	Research on the creation of professional 2 (Fine Arts)	3	1st(SP)	C	C
	070130003	Research on the creation of professional 3 (Fine Arts)	3	2nd (FA)	C	C
	070130004	Research on the creation of professional 4 (Fine Arts)	3	2nd year	C	C
	070111102	Professional research 1 (Art Theory)	3	1st(FA)	C	C
	070111103	Professional research 2 (Art Theory)	3	1st(SP)	C	C
	070111104	Professional research 3 (Art Theory)	3	2nd (FA)	C	C
	070111105	Professional research 4 (Art Theory)	3	2nd (SP)	C	C
	070130005	Cross specialty course 1	1	1-4	O	Non-major courses offered by the college
	070130006	Cross specialty course 2	1	1-4	O	Non-major courses offered by the college
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different programs.					
Other Academic Sections (C-Compulsory; O-Optional)						
Category	C or O	Credit	Requirements			Evaluation (Ways and time)
Academic Lectures and Reports	C	1	Candidates are required to attend at least 20 academic lectures or reports.			



Literature Review and Research Report			A report on the thesis proposal will be delivered with candidates, supervisors and experts in presence. Candidates are required to present a report covering the following elements: supporting materials for the chosen subject, its meaning, methodologies adopted, and potential obstacles and problems. The supervisors and experts will ask questions concerning the chosen subject. If it is not approved, the candidate shall apply for a report on the thesis proposal a second time.	
Teaching Practice		1	Candidates shall teach one course individually, or be the supervisor's teaching assistant, or deliver one academic report.	Candidates can choose to fulfill 1 out of the 3 requirements.
Inter-Campus Communication and Exchange		1	Candidates shall complete a short term (more than 1 month) study in other campuses or participate in at least 5 academic exchange activities.	
Art Practice		1	Candidates shall participate in at least 4 competitions related to the field they study, or conduct one field investigation.	
Thesis	The thesis shall meet the requirements for masters of Humanities of Xiamen University.			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Design

School	College of the Art	Student Type	Master			
Discipline	Design	Discipline Code	1305			
Subject included						
Length of Study	Master <u>3</u> years					
Credit Requirements	Master ≥ 27 credits: ≥ 25 credits for courses, <u>2</u> credits for other academic sections.					
Program Objectives	This program aims to cultivate professionals for art creation and teaching. After completing this program, candidates are supposed to be equipped with basic theories and methodologies for art creation, the development history of art, the status quo of art creation, academic norms and thesis writing skills. Candidates are also expected to be of the ability to do high-level artwork independently with subjects displaying individual characteristics and ideas, and its integrity with other fields.					
Requirements of Research Ability and Other Aspects	Candidates are required to be proficient in basic theories and concepts of the field they study, and in art creation. During their study, candidates must participate in a provincial or higher level exhibition, or work for his/her supervisor's projects and deliver certain academic achievements, or hold more than one art exhibition (including 20-40 pieces of artworks independently created).					
Curriculum						
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)						
Category	Course Code	Course Name	Credit	Semester	Master	Remarks
General Courses: Master <u>4</u> credits	000010201	Foreign Languages	2	FA/SP	C	
	000010102	Study on the theory and practice of socialism Chinese characteristics	1	FA,SP	C	
	000010103	Marxism and Methodology for Social Sciences	1	SP		
Compulsory Course: Master ≥ 5 credits	070110000	Literature retrieval and paper writing	1	SP	C	
	070010001	The humanities, history of Art	2	1st(FA)	C	Candidates shall select one 2-credit course from the college of Fine Arts or Humanities or Architecture.



	070010002	The contemporary theory of culture and art thoughts	2	SP	C	Lectured by teachers from different colleges
Optional Courses	070120001	The principle and method of design	2		C	C for candidates of the design-oriented program
	070130012	Design topics research 1	3	1st(FA)	C	C
	070130013	Design topics research 2	3	1st(SP)	C	C
	070130014	Design topics research 3	3	1st(FA)	C	C
	070130015	Design topics research 4	3	1st(SP)	C	C
	070130005	Cross specialty course 1	1	1-4	O	Non-major courses offered by the college
	070130006	Cross specialty course 2	1	1-4	O	Non-major courses offered by the college
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different programs.					
Other Academic Sections (C-Compulsory; O-Optional)						
Category	C or O	Credit	Requirements			Evaluation (Ways and time)
Academic Lectures and Reports		1	Candidates are required to attend at least 20 academic lectures or reports.			
Literature Review and Research Report			A report on the thesis proposal shall be delivered with graduates, supervisors and experts in presence. Candidates are required to present a report covering the following elements: supporting materials for the chosen subject, its meaning, methodologies adopted, and potential obstacles and problems. Then supervisors and experts will ask questions concerning the chosen subject. If it is not approved, the candidate shall apply for a report on the thesis proposal for a second time.			
Teaching Practice		1	Candidates shall teach one course individually, or be the supervisor's teaching assistant, or deliver one academic report.			Candidates can choose to fulfill 1 out of the 3 requirements.
Inter-Campus Communication		1	Candidates shall complete a short term (more than 1 month) study in other campuses or			



and Exchange			participate in at least 5 academic exchange activities.	
Art Practice		1	Candidates shall participate in at least 4 competitions related to the field they study, or conduct one field investigation.	
Thesis	The thesis shall meet the requirements for Masters of Humanities of Xiamen University. The thesis shall be examined regarding its academic significance and innovation.			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Linguistics and Applied

Linguistics & Teaching Chinese as a Foreign language

School	Overseas Education College	Student Type	Master & PhD				
Discipline	Chinese Language and Literature	Discipline Code	0501				
Subject included	Linguistics and Applied Linguistics(050102); Teaching Chinese as a Foreign Language (0501Z1);						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit Requirements	Master ≥ 26 credits: ≥ 22 credits for courses, <u>4</u> credits for other academic sections.						
	PhD ≥ 14 credits: ≥ 11 credits for courses, <u>3</u> credits for other academic sections.						
Program Objectives	<p>After completing this program with courses learning, teaching practice, and research training, candidates are expected:</p> <ol style="list-style-type: none"> 1. to have a good grasp of basic theories and concepts of the field they study; 2. to be of the strong ability to do research and teaching; 3. to be of the ability to use modern technology skillfully, and to teach and communicate in at least one foreign language fluently; 4. to be of the ability to realize inter-cultural communication; and 5. to be eligible for teaching Chinese as a foreign language and training Chinese teachers. 						
Requirements of Research Ability and Other Aspects	<p>Masters are required to submit reading reports regularly and to publish 2 papers in journals.</p> <p>PhDs are required to participate in academic exchanges twice per year and submit corresponding reports.</p> <p>Candidates are also demanded to deliver at least 2 academic lectures, and publish 1 academic paper in the top journals or the first-class core journals, or 3 papers in the second-class core journals prior to applying for a doctoral degree. And one of the 3 papers can be replaced with a monograph, a textbook, or a translation of an academic book related to the field they study (parts completed by the candidate, for a monograph, must be of at least 30,000 characters and, for a text book or an academic book, must be of at least 50,000 characters). All the journals mentioned above do not include supplements, special issues or albums. Same requirements are for overseas PhDs and PhDs from Taiwan, Hong Kong, and Macao.</p>						
Curriculum							
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits,	000010101	China's Marxism and Contemporary	2	FA		C	



PhD <u>2</u> credits	000010201	First Foreign Language	2	FA/SP	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA/SP	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
Compulsory Courses: Master \geq 8 credits, PhD \geq 5 credits	200011006	An Introduction to Research Methods in Social Sciences	3	SP	C	C	
	200011001	Contemporary Academic Thought	2	FA	C	C	
	200011002	Applied Linguistics Research Methodology	3	FA	C	O	
Optional Courses: Master \geq 10 credits, PhD \geq 4 credits	200011008	Professional English in TCFL	2	FA	O	O	
	200021004	Chinese Discourse Analysis	2	FA	limited options	limited options	
	200022003	Language Education: Research Methods and Basic Statistics	2	FA	O	O	
	200022008	Thematic studies in TCFL	2	FA	O	limited options	
	200021009	Special Studies on Modern Chinese Language	2	SP	O		
	2000Z2028	Intercultural Communication	2	FA	O		
	200022018	Second Language Acquisition	2	FA	O		
	200021003	The Research Of Chinese and Teaching Chinese as a Second Language	2	SP	O		
	2000Z2015	Methods of Teaching Chinese As a Second Language	2	SP	O		
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements				Evaluation (Ways and time)
Academic	C	1	Candidates are required to attend at least 20				Attendance will be



Lectures			academic lectures.	recorded.
Mid-term Assessment	C for PhDs	1	Candidates shall select 15 books (and/or book series) for intensive reading approved by the supervisor. In the SP of the second academic year, candidates' performances are assessed and scored "Pass" or "Fail" by the authorized assessment team. Candidates who fail are given more chances until they pass the assessment .	The candidate's report shall be examined.
Literature Review and Research Report	O	0	Candidates are required to submit a literature review and a report concerning the subject of his/her thesis.	It requires a combination of routine assessments and a final assessment by the supervisor and the supervisor team.
Thesis Proposal	C	0	1.Candidates are required to submit their thesis proposal which is approved by the supervisor. The college shall organize thesis proposal examinations. The examination committee is composed of 3 supervisors (excluding the candidate's supervisor). Candidates shall present the thesis proposal report to the examination committee for examination and approval. The examination committee shall provide necessary suggestions for improvement and revision. 2. If the candidate fails the thesis proposal examination, he/she is required to rewrite the thesis proposal with suggestions and advice provided by the supervisor(s) and apply for the thesis proposal examination for a second time.	Masters' thesis proposal examination is held at the end of the second semester of the first academic year. PhDs' thesis proposal examination is held at the end of the third semester.
Social Practice	C for PhDs	1	Candidates shall conduct social practice such as social investigation, field investigation, volunteering services, etc.	Routine Assessment.
Teaching Practice	C for masters	3 for masters	Teaching practice includes teaching design for teaching Chinese as a foreign language, classroom observation and teaching, among which teaching	Candidates' performance shall be evaluated by



			and its related activities shall be at least 36 hours.	supervisors and students.
Inter-Campus Communication and Exchange	O	0	Candidates are encouraged to participate in academic exchanges and to study in other universities and/or campuses.	
Thesis	<p>The PhD thesis shall center around discipline constructions and problems concerning teaching Chinese as a foreign language; subjects chosen shall be of great theoretical significance and practical value; methodologies adopted shall be innovative and supportive materials selected be convincing; conclusions shall be of great value for deepening theories and application studies.</p> <p>At least 2 years shall be allocated for thesis writing. During the process of thesis writing, candidates report at least twice to the supervisor, discussing problems they might encounter and corresponding possible solutions.</p> <p>The subject chosen shall be of a new research direction, or a new research field or new ideas.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	Overseas Chinese Education	Xiamen University	Examination on thesis proposal or comprehensive examination	C
2	Journal of International Chinese Studies	Xiamen University	Examination on thesis proposal or comprehensive examination	O
3	Chinese Teaching in the World	Beijing Language and Culture University	Examination on thesis proposal or comprehensive examination	C
4	Language Teaching and Linguistic Studies	Beijing Language and Culture University	Examination on thesis proposal or comprehensive examination	O
5	Chinese Language Learning	Yanbian University	Examination on thesis proposal or comprehensive examination	O
6	TCSOL Studies	Jinan University	Examination on thesis proposal or comprehensive examination	C
7	GUOJI HANYU JIAOXUE YANJIU	Beijing Language and Culture University	Examination on thesis proposal or comprehensive examination	C



			examination	
8	Foreign Language Teaching and Research	Beijing Foreign Studies University	Examination on thesis proposal or comprehensive examination	C
9	Linguistic Perspectives on Second Language Acquisition	Susan M.Gass & Jacquelyn Schachter	Reading Report or discussion	C
10	Cognitive Psychology	Kathleen M. Galotti	Reading Report or discussion	C
11	The Handbook of Discourse Analysis	Deborah Schiffrin et al.	Reading Report or discussion	C
12	Second Language Acquisition	Susan M.Gass & Selinker	Reading Report or discussion	C
Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways.				



Graduate Program for Economics

School	School of Economics	Student Type	PhD & Master
Discipline	1. Applied Economics 2. Theoretical Economics 3. Statistics	Discipline Code	1.0202 2.0201 3.027000 (Economic Statistics) 071400 (Mathematical Statistics)
Subject included	<p>Applied Economics: National Economics (020201), Regional Economics(020202), Public Finance(020203), Finance (020204), Industrial Economics(020205), International Trade(020206), Labor Economics(020207), Quantitative Economics (020209), Financial Engineering(0202Z1), International Finance(0202Z4), Valuation(0202Z5), Insurance(0202Z6), Economic Information Management(0202Z7)</p> <p>Theoretical Economics: Political Economics(020101), History of Economic Thoughts(020102), Economical History (020103), Modern Economics (020104), World Economics (020105), Population, Resources and Environmental Economics(020106), International Economics (0201Z1), Development Economics (0201Z2), Managerial Economics (0201Z3)</p> <p>Statistics: Statistics (027000 Economic Statistics), Statistics (071400 Mathematical Statistics)</p>		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit	Master <u>≥43</u> credits: <u>≥41</u> credits for courses, <u>≥2</u> credits for other academic sections.		
Requirements	PhD <u>≥43</u> credits: <u>≥39</u> credits for courses, <u>≥4</u> credits for other academic sections.		
Program Objectives	<p>Department of Finance:</p> <p>Under the guidance of the cultivation principle of “helping candidates consolidate their basic theoretical knowledge, explore their research potential, give full play to their research expertise, and improve their comprehensive quality”, this program aims to cultivate professional, high-quality, and innovative talents proficient in finance who (1) are equipped with knowledge in humanities and social science and natural science; (2) have a good command of modern economic theories; (3) are able to conduct researches on frontier issues in the field of economics independently; and (4) are adaptable to international competition.</p> <p>Masters: 3 years; PhDs: 4 years. Detailed requirements are as follows:</p> <p>Requirements on individual quality. Candidates are expected to (1) have decent values and morality; (2) have a good sense of social responsibility; (3) attach importance to teamwork; (4) be equipped with knowledge in humanities and social science and natural science; (5) develop scientific world views and methodology; (6) have a good command of basic theories and specialized knowledge of finance; and (7) be healthy physically and mentally, and adaptable to social changes.</p>		



Requirements on ability. Candidates are demanded to (1) be of the ability to do research independently, and learn actively; (2) be of the ability to collect, process, analyze, and utilize data; (3) be proficient in at least one foreign language; (4) possess the ability to see things from an international perspective and to communicate with foreigners freely; (5) be proficient in policies and laws and disciplines on finance at home and abroad.

Requirements on knowledge. Candidates are required to (1) grasp basic theories of finance; (2) be fully aware of the knowledge system and development of the discipline; (3) have a good command of the expertise of at least one branch of finance, and its corresponding theories and empirical research methods; and (4) be proficient in at least one foreign language.

Department of Economics:

Under the guidance of the cultivation principle of “helping candidates consolidate their basic theoretical knowledge, explore their research potential, give full play to their research expertise, and improve their comprehensive quality”, this program aims to cultivate professional, high-quality, and innovative talents proficient in economics who (1) are equipped with knowledge in humanities and social science and natural science; (2) have a good command of modern economic theories; (3) are able to conduct researches on frontier issues in the field of economics independently; and (4) are adaptable to international competition.

Masters: 3 years; PhDs: 4 years. Detailed requirements are as follows:

Requirements on individual quality. Candidates are expected to (1) have decent values and morality; (2) have a good sense of social responsibility; (3) attach importance to teamwork; (4) be equipped with knowledge in humanities and social science and natural science; (5) develop scientific world views and methodology; (6) have a good command of basic theories and specialized knowledge of economics; and (7) be healthy physically and mentally, and adaptable to social changes.

Requirements on ability. Candidates are demanded to (1) be of the ability to do research independently, and learn actively; (2) be of the ability to collect, process, analyze, and utilize data; (3) be proficient in at least one foreign language; and (4) possess the ability to see things from an international perspective and communicate with foreigners freely.

Requirements on knowledge. Candidates are required to (1) grasp the basic theories of modern economics; (2) be fully aware of the knowledge system and development of economics; (3) have a good command of the expertise of at least one branch of economics, and its corresponding theories and empirical research methods; and (4) be proficient in at least one foreign language.

Department of Public Finance:

This program aims to cultivate high-quality talents who (1) have a good grasp of basic theories and specialized knowledge of public finance and public management; (2) are competent in conducting researches and teaching or solving practical problems; (3) are eligible for positions set in enterprises, public sectors and non-profit organizations; (4) are of the ability to analyze, study and solve problems; and (5) have a good command of English and economic mathematics.



Masters: 3 years; PhDs: 4 years. Detailed requirements are as follows:

Requirements on individual quality. Candidates are expected to (1) have decent values and morality; (2) have a good sense of social responsibility; (3) attach importance to teamwork; (4) be equipped with knowledge in humanities and social science and natural science; (5) develop scientific world views and methodology; (6) have a good command of the basic theories and specialized knowledge of public finance; and (7) be healthy physically and mentally, and adaptable to social changes.

Requirements on ability. Candidates are demanded to (1) be of the ability to do research independently, and learn actively; (2) be of the ability to collect, process, analyze, and utilize data; (3) be proficient in at least one foreign language; and (4) possess the ability to see things from an international perspective and communicate with foreigners freely.

Requirements on knowledge. Candidates are required to (1) grasp the basic theories of modern public finance; (2) be fully aware of the knowledge system and development of public finance; (3) have a good command of the expertise of at least one branch of public finance, and its corresponding theories and empirical research methods; and (4) be proficient in at least one foreign language.

Department of International Economics and Trade:

Under the guidance of the cultivation principle of “helping candidates consolidate their basic theoretical knowledge, explore their research potential, give full play to their research expertise, and improve their comprehensive quality”, this program aims to cultivate professional, high-quality, and innovative talents proficient in international economics and trade who (1) are equipped with knowledge in humanities and social science and natural science, (2) have a good command of international economics theories, (3) are able to conduct researches on frontier issues in the field of international economics independently, and (4) are adaptable to international competition.

Masters: 3 years; PhDs: 4 years. Detailed requirements are as follows:

Requirements on individual quality. Candidates are expected to (1) have decent values and morality; (2) have a good sense of social responsibility; (3) attach importance to teamwork; (4) be equipped with knowledge in humanities and social science and natural science; (5) develop scientific world views and methodology; (6) have a good command of basic theories and specialized knowledge of international economics; and (7) be healthy physically and mentally, and adaptable to social changes.

Requirements on ability. Candidates are demanded to (1) be of the ability to do research independently, and learn actively; (2) be of the ability to collect, process, analyze, and utilize data; (3) be proficient in at least one foreign language; and (4) possess the ability to see things from an international perspective and communicate with foreigners freely.

Requirements on knowledge. Candidates are required to (1) grasp the basic theories of international economics; (2) be fully aware of the knowledge system and development of international economics; (3) have a good command of the expertise of at least one branch of international economics, and its corresponding theories and empirical research methods; and (4) be proficient in at least one foreign language.



Department of Statistics:

Under the guidance of the cultivation principle of “helping candidates consolidate their basic theoretical knowledge, explore their research potential, give full play to their research expertise, and improve their comprehensive quality”, this program aims to cultivate professional, high-quality, and innovative talents proficient in statistics who (1) are equipped with knowledge in humanities and social science and natural science, (2) have a good command of modern statistics theories and expertise, (3) are extraordinarily innovative, and (4) are adaptable to international competition.

Masters: 3 years; PhDs: 4 years. Detailed requirements are as follows:

Requirements on individual quality. Candidates are expected to (1) have decent values and morality; (2) have a good sense of social responsibility; (3) attach importance to teamwork; (4) be equipped with knowledge in humanities and social science and natural science; (5) develop scientific world views and methodology; (6) have a good command of basic theories and specialized knowledge of statistics; and (7) be healthy physically and mentally, and adaptable to social changes.

Requirements on ability. Candidates are demanded to (1) be of the ability to do research independently, and learn actively; (2) be of the ability to collect, process, analyze, and utilize data; (3) be proficient in at least one foreign language; and (4) possess the ability to see things from an international perspective and communicate with foreigners freely.

Requirements on knowledge. Candidates are required to (1) grasp the basic theories of modern statistics; (2) be fully aware of the knowledge system and development of statistics; (3) have a good command of the expertise of at least one branch of statistics, and its corresponding theories and empirical research methods; and (4) be proficient in at least one foreign language.

Institute of Economics:

This program aims to cultivate high-quality talents who (1) have a good grasp of the basic theories and specialized knowledge of public finance and public management; (2) are competent in conducting researches and teaching or solving practical problems; and (3) are eligible for positions set in enterprises, public sectors and non-profit organizations.

Masters: 3 years; PhDs: 4 years. Detailed requirements are as follows:

Requirements on individual quality. Candidates are expected to (1) have decent values and morality; (2) have a good sense of social responsibility; (3) attach importance to teamwork; (4) have a good command of the basic theories and specialized knowledge of the field they study; and (7) be healthy physically and mentally, and adaptable to social changes.

Requirements on ability. Candidates are demanded to (1) be of the ability to do research independently, and learn actively; (2) be of the ability to collect, process, analyze, and utilize data; (3) be highly innovative; and (4) possess the ability to communicate with foreigners freely.

Requirements on knowledge. Candidates are required to (1) grasp the basic theories of Marxism; (2) grasp



basic theories and specialized knowledge of their chosen field; (2) be fully aware of the knowledge system and development of the chosen field; (3) be proficient in at least one foreign language; and (4) meet the standards set in the Regulations on Academic Degree of People's Republic of China for postgraduates.

Center of China Energy Economics Research:

Under the guidance of the cultivation principle of "helping candidates consolidate their basic theoretical knowledge, explore their research potential, give full play to their research expertise, and improve their comprehensive quality", this program aims to cultivate professional, high-quality, and innovative talents proficient in energy economics who (1) are equipped with knowledge in humanities and social science and natural science; (2) have a good command of modern economic theories; (3) are able to conduct researches on frontier issues in the field of energy economics independently; and (4) are adaptable to international competition.

Masters: 3 years; PhDs: 4 years. Detailed requirements are as follows:

Requirements on individual quality. Candidates are expected to (1) have decent values and morality; (2) have a good sense of social responsibility; (3) attach importance to teamwork; (4) be equipped with knowledge in humanities and social science and natural science; (5) develop scientific world views and methodology; (6) have a good command of the basic theories and specialized knowledge of energy economics; and (7) be healthy physically and mentally, and adaptable to social changes.

Requirements on ability. Candidates are demanded to (1) be of the ability to do research independently, and learn actively; (2) be of the ability to collect, process, analyze, and utilize data; (3) be fully aware of the policies, laws and discipline on energy economics at home and abroad; (4) be proficient in at least one foreign language; and (5) possess the ability to see things from an international perspective and communicate with foreigners freely.

Requirements on knowledge. Candidates are required to (1) grasp the basic theories of modern energy economics and finance; (2) be fully aware of the knowledge system and development of energy economics; (3) have a good command of the expertise of at least one branch of economics, and its corresponding theories and empirical research methods; and (4) be proficient in at least one foreign language.

Center for Macroeconomics:

It aims to cultivate high-quality talents who, after completing this program, are expected to (1) have a good grasp of the basic theories of modern economics and analytical methods, and are competent in conducting researches on frontier issues on macroeconomics theory and policy.

Masters: 3 years; PhDs: 4 years. Detailed requirements are as follows:

Requirements on individual quality. Candidates are expected to (1) have decent values and morality; (2) have a good sense of social responsibility; (3) attach importance to teamwork; (4) have a good command of the basic theories modern economics and analytical methods; and (5) be healthy physically and mentally, and adaptable to social changes.



	<p>Requirements on ability. Candidates are demanded to (1) be of the ability to do research independently, and learn actively; (2) be of the ability to collect, process, analyze, and utilize data; (3) be proficient in at least one foreign language; and (4) possess the ability to see things from an international perspective and communicate with foreigners freely.</p> <p>Requirements on knowledge. Candidates are required to (1) grasp the basic theories of modern economics and analytical methods; (2) be fully aware of the knowledge system and development of macroeconomics; (3) have a good command of the expertise of at least one branch of macroeconomics, and its corresponding theories and empirical research methods; and (4) be proficient in at least one foreign language.</p>						
Requirements of Research Ability and Other Aspects	<p>1. Prior to applying for the degree, PhDs from Chinese mainland shall publish at least 1 first-author (if the candidates' supervisor is the first author, and the student the second, he/she will be considered as the first) academic paper relevant to the thesis with no less than 3,000 characters and Xiamen University as the first-author affixation in China's top journals or international journals (supplements, special issues, and albums are not included) recognized by the Academic Degree Committee of the School of Economics, or publish 1 paper (as long as it is officially accepted) in international mainstream journals recognized by the Academic Degree Committee of the School of Economics. For detailed information on top journals in Chinses mainland, please refer to Catalogue of Core Journals Recognized by Xiamen University. For information on international academic journals, please consult the Academic Degree Committee of the School of Economics.</p> <p>2. Overseas PhDs and PhDs from Hong Kong, Macao, and Taiwan can obtain their degree as long as they pass the thesis defense. The candidates are encouraged to conduct scientific researches, but publication of academic papers will not be a condition for applying for an academic degree.</p>						
<p>Curriculum (*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)</p>							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA	/	C	
	000010201	First Foreign Language	2	FA/SP	C	O	
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	2	FA	C	/	
Compulsory	050010001	Advanced Econometrics I	3	FA	C	C	



Courses for candidates of Applied Economics, Theoretical Economics, Statistics (Economic Statistics) : Master <u>24</u> credits, PhD <u>24</u> credits	050010002	Advanced Macroeconomics I	3	FA	C	C	
	050010003	Advanced Microeconomics I	3	FA	C	C	
	050010004	Mathematical Economics	3	FA	C	C	
	050010005	Advanced Econometrics II	3	SP	C	C	
	050010006	Advanced Macroeconomics II	3	SP	C	C	
	050010007	Advanced Microeconomics II	3	SP	C	C	
	050010008	Advanced Financial Economics	3	SP	C	C	
	Compulsory Courses for candidates of Statistics (Mathematical statistics): Master <u>24</u> credits, PhD <u>24</u> credits	050010001	Advanced Econometrics I	3	FA	C	C
080020003		Advanced Probability	3	FA	C	C	Offered by School of Mathematics
050010002		Advanced Macroeconomics I	3	FA	C	C	
050010003		Advanced Microeconomics I	3	FA	C	C	
050010005		Advanced Econometrics II	3	SP	C	C	
050222005		Advanced Mathematical Statistics	3	SP	C	C	
050010010		Statistical Data Analysis	3	SP	C	C	
050010008		Advanced Financial Economics	3	SP	C	C	
Compulsory Courses: Master ≥ 6 credits, PhD ≥ 6 credits	050626001	New political Economics	3	SP	C	C	C for candidates of Political Economics
	050121001	Institutional economics	3	FA	C	C	C for candidates of Political Economics
	050121003	History of Economics thoughts and Economic History	3	SP	C	C	C for candidates of History of Economics Thoughts
	050121004	Research on "Capital"	3	FA	C	C	C for candidates of History of Economics Thoughts



	050121003	History of Economics thoughts and Economic History	3	SP	C	C	C for candidates of History of Economics Thoughts
	050121005	Economic organization and institution change	3	FA	C	C	C for candidates of Economical History
	050121006	Microeconometrics	3	FA	C	C	C for candidates of Western Economics
	050121007	International Macroeconomics	3	SP	C	C	C for candidates of Western Economics
	050727002	Advanced Resources and Environmental Economics	3	FA	C	C	C for candidates of Population, Resources and Environmental Economics
	050626003	Urban and Regional Economics	3	SP	C	C	C for candidates of Population, Resources and Environmental Economics
	050121010	Development Economics	3	SP	C	C	C for candidates of Development Economics
	050626002	Transitional Economics	3	FA	C	C	C for candidates of Eevelopment Economics
	050121012	Industrial Organization: Theory and Applications	3	FA	C	C	C for candidates of Managerial Economics
	050323004	Human Resources Management	3	SP	C	C	C for candidates of Managerial Economics



	050222001	Theory and Methodology of National Accounting	3	FA	C	C	C for candidates of Statistics (Economic Statistics)
	050222002	Theory and Methodology of Gross National Accounting	3	FA	C	C	C
	050222003	Theory and Methodology of Investment Economics	3	FA	C	C	C for candidates of National Economics
	050222004	National Economics Statistical Analysis and Research	3	FA	C	C	C for candidates of National Economics
	050222005	Advanced Mathematical Statistics	3	FA	C	C	C for candidates of Quantitative Economics
	050222006	Advanced Financial Econometrics	3	FA	C	C	C for candidates of Quantitative Economics
	260028070	Times Series Analysis (I)	3	FA	C	C	C for candidates of Statistics (Mathematical Statistics) offered by WISE
	260028072	Applied Nonparametric Econometrics	3	FA	C	C	C for candidates of Statistics (Mathematical Statistics)
	050222007	Theory and Application Analysis Methodology of Economics and Information Management	3	FA	C	C	C for candidates of Economics and Information Management
	050222008	Statistical Methodology for Data Mining	3	SP	C	C	C for candidates of Economics and Information Management
	050323001	Public Finance Theory and Policy	3	FA	C	C	Public Finance



050323002	Tax Theory and Policy	3	FA	C	C	Public Finance
050323003	Labor Economics	3	FA	C	C	Labor Economics (with WISE)
050323004	Human Resource Management	3	SP	C	C	Labor Economics (with WISE)
050323005	Asset Valuation Theory	3	FA	C	C	Asset Valuation
050323005	Revenues Valuation Theory	3	FA	C	C	Asset Valuation
050424001	Monetary Financial Theory	3	FA	C	C	Finance
050424002	Financial Institute and Risk Management	3	SP	C	C	Finance
050424003	Advanced Financial Engineering	3	FA	C	C	Financial Engineering
050424004	Asset Valuation	3	SP	C	C	Financial Engineering
050424005	Insurance Economics	3	FA	C	C	Insurance
050424006	Advanced Actuary	3	SP	C	C	Insurance
050424007	International Finance and International Investment	3	FA	C	C	International Finance
050424008	International Financial Theory and Management	3	SP	C	C	International Finance
050525001	World Economy	3	FA	C	C	C for candidates of World Economy
050525002	MNCs and International Investment	3	FA	C	C	C for candidates of World Economy
050525003	International Trade and Industrial Development	3	FA	C	C	C for candidates of International Economics
050525004	International Economic Frontier	3	FA	C	C	C for candidates of International Economics
050525005	Advanced International Trade	3	FA	C	C	C for candidates of International Trade
050525006	International Trade : Theory and Evidence	3	FA	C	C	C for candidates of International Trade



	050626001	New Political Economics	3	SP	C	C	(Institute of Economic Research) C for candidates of Political Economics
	050626002	Transitional Economics	3	FA	C	C	(Institute of Economic Research) C for candidates of Political Economics
	050626003	Urban and Regional Economics	3	SP	C	C	(Institute of Economic Research) C for candidates of Regional Economics
	050626004	Regional Economy Planning and Management	3	FA	C	C	C for candidates of Regional Economics
	050626005	Industrial Organization Theory and Practice	3	FA	C	C	(Institute of Economic Research) C for candidates of Industrial Economics
	050626006	Theory and Practice of Industrial Structure	3	SP	C	C	C for candidates of Industrial Economics
	050828001	Growth Theory	3	FA	C	C	C for candidates of Western Economics in Center for Macroeconomic Research



	050828002	China's Macroeconomic Theory and Policy	3	FA	C	C	C for candidates of Western Economics in Center for Macroeconomic Research
	050121101	Dynamic Macroeconomics	3	FA	C	C	C for candidates of Quantitative Economics
	050828003	Macroeconomic Policy Research	3	FA	C	C	C for candidates of Quantitative Economics
	050727001	Advanced Energy Economics	3	FA	C	C	C for candidates of Energy Economics
	050727002	Advanced Resource and Environmental Economics	3	FA	C	C	C for candidates of Energy Economics
Optional Courses	050011001	Advanced Econometrics III	3	FA	O	O	
	050010102	Thesis Writing	3	SP	O	O	
	050121101	Dynamic Macroeconomics	3	FA	O	O	
	260024014	Law and Economics	3	SP	O	O	
	050222101	Sampling Survey Methods	3	SP	O	O	
	050222102	Multivariate Analysis	3	SP	O	O	
	050222103	Stochastic Processes	3	SP	O	O	
	050222104	Bayesian Statistics	3	SP	O	O	
	050222105	Generalized Linear Models	3	SP	O	O	
	260028073	Financial Econometrics	3	SP	O	O	
	050222106	Nonlinear Times Series	3	SP	O	O	
	050323102	Frontier Topics in Public Finance	3	SP	O	O	
	050323101	Frontier Topics in Taxation	3	SP	O	O	
	050323103	Frontier Topics in Public Economics	3	SP	O	O	
	050323104	Frontier Topics in Labor Economics	3	SP	O	O	
050323105	Frontier Topics in Asset Valuation	3	SP	O	O		



050323106	Econometrics Analysis in Public Finance and Taxation	3	SP	O	O	
050414101	Financial Econometrics	3	FA	O	O	
050414102	Study of Financial Institutes in China	3	FA	O	O	
050414103	Advanced Corporate Finance	3	FA	O	O	
050414104	Theory and Policy of the Securities Investment Funds	3	FA	O	O	
050414105	Investment Bank and Capital Market	3	FA	O	O	
050414106	Financial Engineering	3	SP	O	O	
050414107	Law of Insurance	3	SP	O	O	
050414108	International Finance	3	SP	O	O	
050424109	Theory and Practice of Exchange Rate	3	SP	O	O	
050525101	Advanced International Trade in Service	3	FA	O	O	
050525102	National and Regional Economy	3	FA	O	O	
050525103	Economic integration and the international monetary system	3	FA	O	O	
050525104	Study on China's Foreign Economy and Trade	3	FA	O	O	
050626102	Socialism Market Economy Theory	3	FA	O	O	
050626103	Research on Property Rights Theories and Socialist Property Relations	3	FA	O	O	
050626101	Modern enterprise management and operation	3	SP	O	O	
050727101	Coal Engineering and Technology	3	SP	O	O	
050727103	Electrical engineering and technology	3	SP	O	O	



	050727102	Oil Engineering and Technical	3	SP	O	O	
	050727104	Energy Finance	3	SP	O	O	
Other Requirements	PhDs having obtained their master degree in Xiamen University can be exempted from courses completed in their mater studies.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements				Evaluation (Ways and time)
Summer Semester Courses	C		Candidates are required to select at least 1 course (counting 1 credit) out of all summer semester courses, including “Business Etiquette”, “Application of Statistical Software”, “Advanced Economic Lectures” and professional courses offered by departments and centers.				Candidates shall meet the specific requirement of each course.
Academic Lectures	C	2	Academic lectures will be held in the first two academic years. Candidates are expected to attend at least 5 academic lectures every semester in the first academic year, and at least 10 every semester in the second academic year. Candidates are required to submit a report at the end of each semester in the first two academic years on academic lectures. The 10 lectures in the first academic year counts 1 credit, and the next 20 lectures in the second academic year counts 1 credit.				
Mid-term Assessment	C for PhDs	1	The thesis proposal examination.				
Thesis Proposal	C		<p>1. A thesis proposal shall include:</p> <p>(1). A relatively complete literature review with at least 3,000 characters;</p> <p>(2). A clear subject; a presentation of personal contribution in the relevant field;</p> <p>(3). A framework and a feasibility analysis;</p> <p>(4). Expected outcomes.</p> <p>2. Masters shall submit a written thesis proposal to the supervisor for examination and approval no later than the end of the FA of the second academic year. Candidates shall submit their thesis proposal (approved by the supervisor with signature) to the college for the record</p>				<p>Master: It shall be held in the FA of the second academic year before January 10th.</p> <p>PhD: It shall be held in the summer term of the second academic year before July 20th.</p>



		<p>before December 20th.</p> <p>PhDs shall submit their written thesis proposal to the supervisor team for review by the end of the summer semester of the second academic year. Candidates shall submit their thesis proposal (approved by the supervisor with signature) to the college for the record before June 30th.</p> <p>The thesis proposal examination shall be an oral test. It shall be organized by departments, institutes or centers independently. Masters shall complete their thesis proposal examination before January 10th, and PhDs before July 20th. The time and place for the thesis proposal examination shall be reported to the college for the record, and be announced on the college website 3 days in advance.</p> <p>3. There are three possible results of the thesis proposal examination:</p> <p>(1). Pass;</p> <p>(2). Pass after revision (for masters, the result allows the thesis to enter the blind-review phase);</p> <p>(3). Fail (for masters, the result indicates that the thesis defense will be postponed for at least 3 months; for PhDs, the result indicates that the thesis defense will be postponed for at least 6 months).</p> <p>One week after the thesis proposal examination, the supervisor (or the supervisor team) shall record the result with signature on the Form on Postgraduates Thesis Proposal of Xiamen University and submit it to the college for the record.</p>	
<p>PhDs' Third-year Research Paper</p>	<p>C for PhDs</p>	<p>PhDs shall submit a research paper by the end of the SP of the third academic year. The quality of the paper shall meet the publication standards of first class core journals recognized by the university. The third-year research paper (approved by the supervisor team with signature) shall be submitted to the college for the record before</p>	<p>The research paper shall be submitted by the end of the SP of the third academic year. The candidate is required to deliver</p>



			<p>June 30th.</p> <p>The assessment of the third-year research paper shall be an oral test. The test shall be organized by departments, institutes, and centers independently, and completed before July 20th. The specific time and place shall be reported to the college for the record 3 days in advance and be posted on the college website.</p> <p>There are three possible results of the third-year research paper examination:</p> <p>(1). Pass;</p> <p>(2). Pass after revision;</p> <p>(3). Fail (the result indicates that the thesis defense will be postponed for at least 6 months).</p>	<p>publicly an oral report to the examination committee for examination and approval .</p>
Social Practice	C for PhDs	1	<p>Social practice is optional for masters, and compulsory for PhDs. Social practice includes social investigation, field investigation, volunteering services, etc.</p>	<p>Candidates shall conduct social practice for at least 3 weeks. 1 credit is usually counted. The credits counted for this part shall not exceed 2 credits.</p>
Teaching Practice	C for PhDs		<p>PhDs are required to work as the teaching assistant for at least 4 courses, each with a minimum of 56 teaching hours.</p> <p>Candidates shall log on the system in the last two weeks (for undergraduate courses), or in the first two weeks of the semester (for postgraduate courses) to apply for the position. Candidates shall submit to the teaching secretary of the college the application form approved by the teacher with signature who offers the course.</p>	
Thesis Draft	C		<p>Masters are required to submit the thesis draft at the end of the summer term of the second academic year (before July 10th). The thesis draft shall be completed following the Standardization on Postgraduates' Theses of Xiamen</p>	



		<p>University. The thesis draft shall be approved by the supervisor with signature and be submitted to the college for the record. The format of the draft shall meet the format requirement for the master thesis.</p> <p>PhDs are required to submit the thesis draft at the end of the FA of the fourth academic year (before September 30th). The thesis draft shall be completed following the Standardization on Postgraduates' Thesis of Xiamen University. The thesis draft shall be approved by the supervisor with signature and be submitted to the college for the record.</p>	
<p>Mock Viva</p>	<p>C for PhDs</p>	<p>The mock viva for PhDs shall be organized by departments, institutes or centers independently, and be completed by the end of the FA of the fourth academic year. It can be academic forums or seminars. The time and place for the mock viva shall be reported to the college for the record and be announced on the college website 3 days in advance. One week after the mock viva, the result shall be submitted as a written report to the college for the record.</p> <p>Results of the mock viva:</p> <ol style="list-style-type: none"> 1. Pass; 2. Pass after revision; 3. Fail (in this case, the thesis defense shall be postponed for at least 6 months). 	
<p>Thesis</p>	<p>For masters, at least one year shall be allocated for the thesis writing. The thesis shall have a clear subject, adopt appropriate research methods and generate innovative results. Before the thesis writing, candidates shall have grasped the development and specialized knowledge of the chosen field, and have been equipped with the ability to conduct literature review and conduct empirical research independently. The master thesis shall be completed under the guidance of the supervisor and written in Chinese with a minimum of 30,000 characters. Candidates who write the thesis in other languages shall provide a Chinese version at the same time. For the thesis format, please refer to the Standardization on Postgraduates' Theses of Xiamen University.</p> <p>For PhDs, at least 2 years shall be allocated for the thesis writing. The thesis shall not only generate</p>		



innovative outcomes, but also be of theoretical and/or practical significance. The thesis shall be a display of the candidate's competence in conducting scientific researches independently. The thesis shall be completed under the guidance of the supervisor and written in Chinese with a minimum of 50,000 characters. Candidates who write the thesis in other languages shall provide a Chinese version at the same time. For the thesis format, please refer to the Standardization on Postgraduates' Theses of Xiamen University.

Thesis Review and Thesis Defense:

1. All PhD theses and some master theses shall go through double blind review. The name list of the experts for the blind review shall be kept confidential. No one except the teaching secretary shall have the access to the expert namelist. Candidates and supervisors shall not approach the teaching secretary for the confidential list. Otherwise the thesis defense shall be postponed for at least one semester. 1 month is allowed for the review. On receiving the review results, the postgraduate section of the college shall organize the final defense. Individual departments, centers and institutes shall nominate experts for the thesis defense and submit the expert list to the college for review and approval.

2. Blind review results:

(1) Under the condition that all the reviewers give a score ≥ 70 , and that more than half of the reviewers agree that the thesis is qualified for the thesis defense (i.e., the average review score is ≥ 75), the thesis defense shall proceed as scheduled.

(2) Under the condition that all the reviewers give a score ≥ 70 , but fewer than half of the reviewers agree that the thesis is qualified for the thesis defense, the candidate shall revise the thesis by taking into consideration the comments and/or suggestions by the reviewers. On the completion of the revision, the candidate shall submit a written report illustrating the revision in detail and providing particular responses to the reviewers' comments and/or suggestions. Only after the revised thesis is approved by the supervisor, is the candidate allowed to apply for the thesis defense. The time and place for the thesis defense shall be decided by the postgraduate section of the college.

(3) Candidates who are not under the conditions stated in (1) or (2) shall revise or rewrite the thesis (within 1 month at most), and undergo the procedure of blind review a second time. The candidate is not allowed to apply for the thesis defense until at least 3 months later. Under the condition that $2/3$ of the reviewers give a score < 70 to the thesis, a substantial revision is required of. If necessary, the candidate shall select a new subject for the thesis. At least 6 months shall be allocated for the writing. On the completion of the revision/rewriting, the candidate shall submit a written report illustrating the revision in detail and providing particular responses to the reviewers' comments and/or suggestions. Only after the revised thesis is approved by the supervisor or the supervisor team with signature, is the candidate allowed to apply to the academic degree granting committee for a thesis defense.

(4) The revision time refers to the period of time from the notification of the thesis disqualification and the



completion of the revision.

(5) Masters and PhDs cannot apply for a blind review more than twice within 1 year.

Thesis Defense:

1. PhD thesis defense is held twice a year (on May 20th and November 20th respectively), and Master thesis defense is held three times a year (on May 20th, July 20th and November 20th respectively). Off-campus experts invited for the thesis defense shall normally be experts in the same field from the colleges and universities under the programs of 985 or 211, or experts from Chinese Academy of Science and/or Chinese Academic of Social Science. The nomination list shall be submitted to the college for review at least half a month prior to the defense.

The thesis defense shall be organized by departments, institutes, and/or centers. Candidates who expect the academic degree to be granted in June shall complete the thesis defense before May 20th. Candidates who expect the academic degree to be granted in September shall complete the thesis defense before July 20th. Candidates who expect the academic degree to be granted in December shall complete the thesis defense before November 20th.

2. Results of the thesis defense:

(1) For candidates who pass the defense, the thesis defense committee will suggest to the academic degree granting committee of the university that an academic degree be conferred upon the candidate.

(2) Candidates who pass the defense but with minor mistakes concerning the format and/or spelling shall make corresponding revisions. The thesis defense committee will suggest to the academic degree granting committee of the university that an academic degree be conferred upon the candidate.

(3) For candidates who are required by the thesis defense committee that the thesis shall be revised, only after the revised thesis is approved by the committee will the committee suggest to the academic degree granting committee of the university that an academic degree be conferred upon the candidate.

(4) For candidates who fail the defense, under the condition that more than half of the committee members agree, the committee is authorized to request that the candidate complete the revision and apply for the thesis defense a second time within 1 year (for masters), or 2 year (for PhDs).

Major References and Journals (C-Compulsory; O-Optional)

No.	Title	Author	Evaluation*	Remarks (C or O)



- Evaluation ways:
1. Examination: Knowledge of references and journals to be covered on the examination;
 2. Examination on thesis proposal or comprehensive examination;
 3. Reading Report;
 4. Other specific ways.



Graduate Program for Accounting

School	School of Management	Student Type	Master & PhD
Discipline	Business Administration	Discipline Code	1202
Subject included	Accounting (120201)		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit Requirements	Master <u>≥30</u> credits: <u>≥28</u> credits for courses, <u>2</u> credits for other academic sections.		
	PhD <u>≥23</u> credits: <u>≥ 21</u> credits for courses, <u>2</u> credits for other academic sections.		
Program Objectives	<p>1. Candidates are supposed to grasp the basic tenets of Marxism, to uphold the Constitution of the People's Republic of China, to abide by laws and regulations, to be dedicated to China along with its people, and to be of great ambition and innovation.</p> <p>2. After completing this program, master candidates are supposed to:</p> <p>(1) have a solid foundation of the basic theories and concepts of management;</p> <p>(2) be of the ability to analyze, study, and solve theoretical and/or practical problems with theories and methodologies of management, and to display innovation during the process;</p> <p>(3) be of the competence to do research on management or to be a manager;</p> <p>(4) meet the academic level set in the Criteria for Granting Degrees of Business Administration of Xiamen University.</p> <p>PhD candidates are expected to become creative talents with a good and systematic grasp of basic theories and concepts of management, and methodologies for research; to meet the academic level set in the Criteria for Granting Degrees of Business Administration of Xiamen University.</p> <p>Major objectives are as follows:</p> <p>(1) to profoundly and systematically grasp the basic theories and concepts of business management, and to be fully aware of the academic research paradigms and development and trends in the field of management;</p> <p>(2) to have not only a systematic grasp of theories, methodologies and skills of management, but also to be proficient in applying theories to reality so as to raise questions and to conduct relevant studies;</p> <p>(3) to be of the competence to undertake teaching or research tasks after being equipped with teaching principles and methodologies;</p> <p>(4) be of the ability to make contribution to the development of teaching in this field.</p>		
Requirements of Research Ability and Other Aspects	<p>1. Requirements on research ability:</p> <p>(1) Masters are required to be fully aware of the existing research achievements in business administration, and relevant theories and research methodologies; to be proficient in applying theories to reality so as to spot problems deserving research; to do theoretical study or applied research independently or cooperatively (with their supervisor) under the guidance of his/her supervisor, and to obtain research findings with certain</p>		



	<p>theoretical or application value; to do well in presenting their research results or academic viewpoints with academic papers, research reports and oral reports.</p> <p>(2) PhDs are demanded to be able to extract problems of research value from the new issues and new phenomena in both theoretical field and practical field; to be of the ability to conduct high-level researches independently; to be equipped with organizational and coordinative skills during teamwork, field investigation, academic conferences, etc.</p> <p>2. Requirements on Individual Quality:</p> <p>(1) Masters are required to be thirsty for knowledge, be creative, and rigorous; to observe academic norms and ethics; to be proficient in basic theories of economics and management, and other related subjects; to be flexible and practical; to be equipped with methodologies and skill for research and able to do research on subjects related to this field; to have a strong ability in self-expressing, and to have a good command of at least one foreign language.</p> <p>(2) PhDs are required to advocate science, to devote themselves to academic research, and to observe academic norms and ethics; to be equipped with basic theories and concepts, major research methods and strategies; to be of the ability to conduct scientific researches independently; to have a good command of at least one foreign language.</p> <p>3. Requirements on Academic Papers:</p> <p>To apply for a degree, candidates are required to follow the Regulations on Postgraduates' Academic Papers Publication of Management School of Xiamen University.</p>
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Curriculum

(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)

Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA/SP	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
	000010201	First Foreign Language	2	FA/SP	C	O	
General Courses (offered by the School): Master <u>9</u> credits, PhD <u>13</u> credits	060011001	Advanced Microeconomics	3	FA	C	C	
	060011002	Advanced Management	3	FA	C	C	
	060011003	History of Management Thoughts	2	SP	O	C	
	060011004	Social Research Methods	2	FA	O	C	Required credits for
	060011005	Advanced Econometrics	2	FA	O	O	



	060011007	Survey Method	1	SP	O	O	Methodology courses: Master ≥ 3 credits, PhD ≥ 5 credits
	060011008	Empirical Research Method—Experimentation	1	SP	O	O	
	060011009	Case Study Method	1	SP	O	O	
	060011010	Qualitative Research Method	1	SP	O	O	
	060011011	Multivariate Statistics	1	SP	O	O	
Compulsory Courses	060121001	Financial Accounting Theory	3	FA	C	C	Masters shall select at least 5 courses out of 8; PhDs 2 out of 8.
	060121002	Public Asset and Government Accounting	3	SP	C	C	
	060121003	The Theory and Method of International Accounting	3	SP	C	C	
	060121004	Theory and Methodology of Management Accounting	3	SP	C	C	
	060121005	Accounting Information System Research	3	SP	C	C	
	060121006	Auditing Theory and Practice	3	FA	C	C	
	060121007	Corporate Finance Theory	3	SP	C	C	
	060121008	Capital Market Research in Accounting	3	SP	C	C	
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements				Evaluation (Ways and time)
Academic Lectures	C	0	Candidates are required to write at least one working paper that conforms to academic norms, and attend at least 10 academic lectures.				
Mid-term Assessment	C	0 credit for masters, 1 credit for PhDs.	1. Masters are required to present a thesis proposal report and take the mid-term assessment by the end of the SP of the second academic year. Without presenting a thesis proposal report and getting approved, candidates are not allowed to proceed to any social investigations related to the thesis, nor apply for the thesis defense. 2. PhDs shall take the comprehensive assessment (thesis proposal examination). Candidates are examined for a				
Literature Review and Research Report							
Thesis Proposal							



			good grasp of basic theories and concepts necessary for thesis writing, and the ability to complete a thesis. For more detailed information, please refer to the Regulations on Postgraduates' Comprehensive Examination (Thesis Proposal Examination) and Mid-term Shunt of Management School of Xiamen University.	
Social Practice	C	2 credits for masters, 1 credit for PhDs.	Social practice includes participation in designated projects, secondment practice, receiving training and doing practice in university-enterprise bases, entrepreneurial practice, and other specific forms. For more detailed information, please refer to Regulations on Postgraduates' Social Practice of Xiamen University.	
Teaching Practice				
Inter-Campus Communication and Exchange				
Thesis	<p>1. The thesis is an important contribution to the cultivation of masters and PhDs. Candidates shall complete the thesis writing independently under the guidance of the supervisor. For masters, at least 1 year shall be allocated for the thesis writing, and for PhDs at least 2 years. During the process of thesis writing, candidates shall report to the supervisor (or the supervisor team) regularly.</p> <p>2. The subject chosen, literature review, research design, and research findings shall meet the requirements set in the Criteria for Granting Degrees of Business Administration of Xiamen University.</p> <p>3. The thesis defense and thesis proposal shall meet requirements set by the Regulations on Postgraduates' Theses Proposal and Theses Defense of the Management School of Xiamen University.</p> <p>4. Candidates shall conduct duplicate checking prior to the thesis defense. For detailed information, please refer to the Regulations on Duplicate Checking for Masters and PhDs' Theses of the Management School of Xiamen University.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Corporate Management

School	School of Management	Student Type	Master & PhD
Discipline	Business Administration	Discipline Code	1202
Subject included	Corporate Management (120202)		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit	Master ≥ 28 credits: ≥ 26 credits for courses, <u>2</u> credits for other academic sections.		
Requirements	PhD ≥ 20 credits: ≥ 18 credits for courses, <u>2</u> credits for other academic sections.		
Program Objectives	<p>1. Candidates are supposed to grasp the basic tenets of Marxism, uphold the Constitution of the People's Republic of China, abide by laws and regulations, be dedicated to China along with its people, and be of great ambition and innovation.</p> <p>2. After completing this program, masters are supposed to:</p> <p>(1) have a solid foundation of basic theories and concepts of management;</p> <p>(2) be of the ability to analyze, study, and solve theoretical or practical problems with theories and methodologies of management, and display innovation during the process;</p> <p>(3) be of the competence to do research on management or to be a manager;</p> <p>(4) reach the academic level set in the Criteria for Granting Degrees of Business Administration of Xiamen University.</p> <p>PhDs are expected to be creative talents with a good and systematic grasp of basic theories and concepts of management, and methodologies for research; reach the academic level set in the Criteria for Granting Degrees of Business Administration of Xiamen University. Major objectives are as follows:</p> <p>(1) to profoundly and systematically grasp the basic theories and concepts of management, and be fully aware of the academic research paradigms and development trend in the field of management;</p> <p>(2) not only to have a systematic grasp of theories, methodologies and skills of management, but also be proficient in applying theories to reality so as to put forward questions and conduct relevant studies;</p> <p>(3) to be of the competence to undertake teaching or research tasks after being equipped with teaching principles and methodologies;</p> <p>(4) be of the ability to make contribution to the development of teaching in this field.</p>		
Requirements of Research Ability and Other Aspects	<p>1. Requirements on research ability:</p> <p>(1) Masters are required to be fully aware of the existing research achievements in business administration, and relevant theories and research methodologies; to be proficient in applying theories to reality so as to spot problems deserving research; to do theoretical study or applied research independently or cooperatively (with their supervisor) under the guidance of his/her supervisor, and to obtain research findings with certain theoretical or application value; to do well in presenting their research results or academic viewpoints with</p>		



	<p>academic papers, research reports and oral reports.</p> <p>(2) PhDs are demanded to be able to extract problems of research value from the new issues and new phenomena in both theoretical field and practical field; to be of the ability to conduct high-level researches independently; to be equipped with organizational and coordinative skills during teamwork, field investigation, academic conferences, etc.</p> <p>2. Requirements on Individual Quality:</p> <p>(1) Masters are required to be thirsty for knowledge, be creative, and rigorous; to observe academic norms and ethics; to be proficient in basic theories of economics and management, and other related subjects; to be flexible and practical; to be equipped with methodologies and skill for research and able to do research on subjects related to this field; to have a strong ability in self-expression, and to have a good command of one foreign language at least.</p> <p>(2) PhDs are required to advocate science, to devote themselves to academic research, and observe academic norms and ethics; to be equipped with basic theories and concepts, major research methods and strategies; to be of the ability to conduct scientific researches independently; to have a good command of at least one foreign language.</p> <p>3. Requirements on Academic Papers:</p> <p>To apply for a degree, candidates are required to follow the Regulations on Postgraduates' Academic Papers Publication of Management School of Xiamen University.</p>
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Curriculum

(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)

Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA/SP	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA/SP	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
General Courses (offered by the School): Master <u>9</u> credits,	060011001	Advanced Microeconomics	3	FA	C	C	
	060011002	Advanced Management	3	FA	C	C	
	060011003	History of Management Thoughts	2	SP	O	C	
	060011004	Social Research Methods	2	FA	O	C	Credits



PhD <u>13</u> credits	060011005	Advanced Econometrics	2	FA	O	O	required for Methodology courses: Master \geq 3 credits, PhD \geq 5 credits
	060011007	Survey Method	1	SP	O	O	
	060011008	Empirical Research Method— Experimentation	1	SP	O	O	
	060011009	Case Study Method	1	SP	O	O	
	060011010	Qualitative Research Method	1	SP	O	O	
	060011011	Multivariate Statistics	1	SP	O	O	
Lecture Courses: Master \geq <u>6</u> credits, PhD \geq <u>0</u> credits	060222001	Strategic Management of Enterprises	2	SP	C	O	C for candidates of Strategic Management
	060222002	Organization Design	2	SP	C	O	C for candidates of HR and OB
	060222003	Management Psychology	2	SP	C	O	C for candidates of HR and OB
	060222004	Human Resource Management	2	FA	C	O	C for candidates of HR and OB
	060222005	Company Financial Management	2	SP	C	O	C for candidates of Corporate Governance
	060222006	Corporate Governance	2	SP	C	O	C for candidates of Corporate Governance
	060222007	Entrepreneurial Management	2	FA	C	O	C for candidates of Entrepreneurial Management
	060222008	Enterprise Resource Planning	2	FA	O	O	Optional
Seminar Courses: Master \geq <u>6</u> credits, PhD \geq <u>3</u> credits	060222009	Seminar in Strategic Management	3	SP	C	C	C for candidates of Strategic Management
	060222010	Seminar in Human Resource Management and Organizational Behavior	3	SP	C	C	C for candidates of HR and OB
	060222011	Seminar in Corporate Governance	3	SP	C	C	C for candidates of Corporate Governance
	060222012	Seminar in Entrepreneurial Management	3	SP	C	C	C for candidates of Entrepreneurial Management



							Entrepreneurial Management
Other Requirements	<p>1. Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different programs.</p> <p>2. Masters shall earn at least 3 credits for courses in the workshop section.</p>						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	0	Candidates are required to write at least one working paper that conforms to academic norms, and attend at least 10 academic lectures, 5 of which shall be designated.				
Mid-term Assessment	C	0 credit for masters, 1 credit for PhDs	<p>1. Masters are required to present a thesis proposal report and take the mid-term assessment by the end of the SP of the second academic year. Without presenting a thesis proposal report and getting approved, candidates are not allowed to proceed to any social investigations related to the thesis, nor apply for the thesis defense.</p> <p>2. PhDs shall submit a literature review based on empirical research and related to the thesis by the end of the first academic year; and submit to academic journals at least one paper based on empirical research by the end of the second academic year.</p> <p>3. PhDs shall take the comprehensive assessment (thesis proposal examination). Candidates are examined for a good grasp of basic theories and concepts necessary for thesis writing, and the ability to complete a thesis. For more detailed information, please refer to the Regulations on Postgraduates' Comprehensive Examination (Thesis Proposal Examination) and Mid-term Shunt of Management School of Xiamen University.</p>				
Literature Review and Research Report							
Thesis Proposal							
Social Practice	C	2 credits for masters, 1 credit for PhDs	Candidates shall conduct social and teaching practices for at least 3 weeks by working as the teaching assistant, participating in enterprise-sponsored projects, social practice for designated projects, secondment practice, receiving training and doing practice in university-enterprise bases, entrepreneurial practice, and				
Teaching Practice							
Inter-Campus Communication and Exchange							



			other specific forms. For more detailed information, please refer to Regulations on Postgraduates' Social Practice of Xiamen University.	
Thesis	<p>1. The thesis is an important contribution to the cultivation of masters and PhDs. Candidates should complete the thesis writing independently under the guidance of the supervisor. For masters, at least 1 year shall be allocated for the thesis writing, and for PhDs at least 2 years. During the process of thesis writing, candidates shall report to the supervisor (or the supervisor team) regularly.</p> <p>2. The subject chosen, literature review, research design, and research findings shall meet requirements set in the Criteria for Granting Degrees of Business Administration of Xiamen University.</p> <p>3. The thesis defense and thesis proposal shall meet requirements set by the Regulations on Postgraduates' Theses Proposal and Theses Defense of the Management School of Xiamen University.</p> <p>4. Candidates shall conduct duplicate checking prior to the thesis defense. For detailed information, please refer to the Regulations on Duplicate Checking for Masters and PhDs' Theses of the Management School of Xiamen University.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks(C or O)
1	Academy of Management Journal			
2	Strategic Management Journal			
3	Journal of Applied Psychology			
4	Research in organizational Behavior			
5	Organization Science	Eisenhardt K. M, Schoonhoven		
6	The Academy of Management Review	Koontz, H.		
7	Journal of Business Venturing	David A. Harper		
8	Harvard Business Review	Hamel G, Doz Y, Prahalad C.		
9	A Review of the Classical Literature of Entrepreneurship Research	Zhang Yuli editor in chief		
10	The Evolution of Management Thought	Daniel A. Ryan		
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Management Science and Engineering

School	School of Management	Student Type	PhD & Master
Discipline	Management Science and Engineering	Discipline Code	1201
Subject included			
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit Requirements	Master ≥ 29 credits: ≥ 27 credits for courses, <u>2</u> credits for other academic sections.		
	PhD ≥ 22 credits: ≥ 20 credits for courses, <u>2</u> credits for other academic sections.		
Program Objectives	<p>1. Candidates are supposed to grasp the basic tenets of Marxism, uphold the Constitution of the People's Republic of China, abide by laws and regulations, be dedicated to China along with its people, and be of great ambition and innovation.</p> <p>2. After completing this program, masters are expected to:</p> <p>(1) have a good grasp of mathematics, statistics, and management, and basic theories and concepts of organization theory, optimization theory, decision-making theory, etc;</p> <p>(2) be of the ability to do researches independently equipped with methods including system analysis and system modelling, information and knowledge management, system simulation, and data mining, so as to solve practical problems and to deepen the understanding of certain subjects;</p> <p>(3) be proficient in doing literature investigation, data inquiry, system simulation and system modelling, and PPT, and writing research reports, data analysis reports, and communicating academic viewpoints with others;</p> <p>(4) reach the academic level set in the Regulations on Granting Degrees of Management Science and Engineering of Xiamen University.</p> <p>3. After completing this program, PhDs are expected to:</p> <p>(1) have a good grasp of basic theories and concepts of management philosophy, system science, information science, organization theory, complexity theory, decision-making theory, economics, and sociology;</p> <p>(2) be equipped with methodologies of system analysis, information and knowledge management, and man-machine cooperation;</p> <p>(3) grasp the paradigm of doing management-related researches: under the guidance of seductive and deductive reasoning, do rigorous logic reasoning and scientific calculation and measurement, so as to realize the combination of quantity and quality, theory and demonstration;</p>		



	(4) reach the academic level set in the Regulations on Granting Degrees of Management Science and Engineering of Xiamen University.						
Requirements of Research Ability and Other Aspects	<p>1. Requirements on Research Ability:</p> <p>Masters are required to:</p> <p>(1) detect valuable problems from previous studies and production process, and offer corresponding research approaches.</p> <p>(2) be of the ability to do rigorous analysis and reasoning with rational thought, related basic theories and concepts, and data.</p> <p>(3) be of the ability to demonstrate the problem-solving process with clear expressions and sound logic.</p> <p>PhDs are required to:</p> <p>(1) be of the ability to bring forward questions of research value based on their understanding of management-related issues, the demand generated by China's social development, and the research front of management.</p> <p>(2) have a good grasp of new technologies and methodologies in management and be of the ability to put forward effective approaches to urgent issues.</p> <p>(3) be proficient in detecting new problems, exploring new theories, and discovering new ways.</p> <p>(4) be good at generalizing and summarizing so as to infer other things from one fact.</p> <p>2. Requirements on Individual Quality:</p> <p>(1) Masters are required to be thirsty for knowledge, be creative, and rigorous; to observe academic norms and ethics; to be proficient in basic theories of economics and management, and other related subjects; to be flexible and practical; be equipped with methodologies and skill for research and able to do research on subjects related to this field; to have a strong ability in self-expression, and to have a good command of one foreign language at least.</p> <p>(2) PhDs are required to advocate science, devote themselves to academic research, and to observe academic norms and ethics; to be equipped with basic theories and concepts, major research methods and strategies; to be of the ability to conduct scientific researches independently; to have a good command of at least one foreign language.</p> <p>3. Requirements on Academic Papers:</p> <p>To apply for a degree, candidates are required to follow the Regulations on Postgraduates' Academic Papers Publication of the Management School of Xiamen University.</p>						
Curriculum							
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks



General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA/SP	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
	000010201	First Foreign Language	2	FA/SP	C	O	
General Courses (offered by the School): Master <u>9</u> credits, PhD <u>13</u> credits	060011001	Advanced Microeconomics	3	FA	C	C	
	060011002	Advanced Management	3	FA	C	C	
	060011003	History of Management Thoughts	2	SP	O	C	
	060011007	Survey Method	1	SP	O	O	Credits required of Methodology courses: Master ≥ 3 credits, PhD ≥ 5 credits
	060011008	Empirical Research Method—Experimentation	1	SP	O	O	
	060011009	Case Study Method	1	SP	O	O	
	060011006	Foundation of Game Theory	2	FA	O	O	
	060011012	Game Theory with Applications	1	SU	O	O	
	060011013	Data Mining	1	SP	O	O	
060011014	Stochastic Dynamic Programming	1	SP	O	O		
Compulsory Courses: Master ≥ 6 credits for lectures, PhD ≥ 6 credits for seminars	060323001	Frontier of Information Systems	3	SP	O	C	Seminar, c for candidates of IS
	060323002	Frontier of Operation Management	3	SP	O	C	Seminar, c for candidates of OM
	060323003	Advanced Operation Research	3	FA	C	O	Lecture
	060323004	Decision Analysis	3	SP	C	O	Lecture
Optional Courses: Master <u>4</u> credits	060323006	Logistics and supply chain management theory	2	SP	O	O	Lecture
	060323007	Information System Analysis and Design	2	SP	O	O	Lecture



	060323008	operation management	2	SP	O	O	Lecture
	060323009	E-commerce Technology	2	SP	O	O	Lecture
	060323010	An Introduction to System Science	2	SP	O	O	Lecture
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Other Academic Sections	C or O	Credit	Requirements				Evaluation (Ways and time)
Academic Lectures	C	0	Candidates are required to write at least one working paper that conforms to academic norms, and attend at least 10 academic lectures.				
Mid-term Assessment	C	0 credit for masters, 1 credit for PhDs	1. Masters are required to present a thesis proposal report and take the mid-term assessment by the end of the SP of the second academic year. Without presenting a thesis proposal report and getting approved, candidates are not allowed to proceed to any social investigations related to the thesis, nor apply for the thesis defense. 2. PhDs shall take the comprehensive assessment (thesis proposal examination). Candidates are examined for a good grasp of basic theories and concepts necessary for thesis writing, and the ability to complete a thesis. For more detailed information, please refer to the Regulations on Postgraduates' Comprehensive Examination (Thesis Proposal Examination) and Mid-term Shunt of Management School of Xiamen University.				
Literature Review and Research Report							
Thesis Proposal							
Social Practice	C	2 credits for masters, 1 credit for PhDs	Candidates shall conduct social and teaching practices for at least 3 weeks by working as the teaching assistant, participating in enterprise-sponsored projects, social practice for designated projects, secondment practice, receiving training and doing practice in university-enterprise bases, entrepreneurial practice, and other specific forms. For more detailed information, please refer to Regulations on Postgraduates' Social Practice of Xiamen University.				
Teaching Practice							
Inter-Campus Communication and Exchange							



Thesis	<p>1. The thesis is an important contribution to the cultivation of masters and PhDs. Candidates shall complete the thesis writing independently under the guidance of the supervisor. For masters, at least 1 year shall be allocated for the thesis writing, and for PhDs at least 2 years. During the process of thesis writing, candidates shall report to the supervisor (or the supervisor team) regularly.</p> <p>2. The subject chosen, literature review, research design, and research findings shall meet requirements set in the Criteria for Granting Degrees of Business Administration of Xiamen University.</p> <p>3. The thesis defense and thesis proposal shall meet requirements set by the Regulations on Postgraduates' Theses Proposal and Theses Defense of the Management School of Xiamen University.</p> <p>4. Candidates shall conduct duplicate checking prior to the thesis defense. For detailed information, please refer to the Regulations on Duplicate Checking for Masters and PhDs' Thesis of the Management School of Xiamen University.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author(s)	Evaluation	Remark (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p style="padding-left: 40px;">2. Examination on thesis proposal or comprehensive examination;</p> <p style="padding-left: 40px;">3. Reading Report;</p> <p style="padding-left: 40px;">4. Other specific ways.</p>				



Graduate Program for Technical Economics and Management

School	School of Management	Student Type	Master & PhD
Discipline	Business Administration	Discipline Code	1202
Subject included	Technical Economics and Management (120204);		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit	Master ≥ 29 credits: ≥ 27 credits for courses, <u>2</u> credits for other academic sections.		
Requirements	PhD ≥ 22 credits: ≥ 20 credits for courses (seminars ≥ 9 credits), <u>2</u> credits for other academic sections.		
Program Objectives	<p>1. Candidates are supposed to grasp the basic tenets of Marxism, to uphold the Constitution of the People's Republic of China, to abide by laws and regulations, to be dedicated to China along with its people, and to be of great ambition and innovation.</p> <p>2. After completing this program, masters are supposed to:</p> <p>(1) have a solid foundation of basic theories and concepts of management;</p> <p>(2) be of the ability to analyze, study, and solve theoretical or practical problems with theories and methodologies of management, and display innovation during the process;</p> <p>(3) be of the competence to do research on management or to be a manager;</p> <p>(4) reach the academic level set in the Criteria for Granting Degrees of Business Administration of Xiamen University.</p> <p>PhDs are expected to be creative talents with a good and systematic grasp of basic theories and concepts of management, and methodologies for research; to reach the academic level set in the Criteria for Granting Degrees of Business Administration of Xiamen University. Major objectives are as follows:</p> <p>(1) to profoundly and systematically grasp the basic theories and concepts of management, and to be fully aware of the academic research paradigms and development trend in the field of management;</p> <p>(2) not only to have a systematic grasp of theories, methodologies and skills of management, but also to be proficient in applying theories to reality so as to put forward questions and conduct relevant studies;</p> <p>(3) to be of the competence to undertake teaching or research tasks after being equipped with teaching principles and methodologies;</p> <p>(4) be of the ability to make contribution to the development of teaching in this field.</p>		
Requirements of Research Ability and Other Aspects	<p>1. Requirements on research ability:</p> <p>(1) Masters are required to be fully aware of the existing research achievements in business administration, and relevant theories and research methodologies; to be proficient in applying theories to reality so as to spot problems deserving research; to do theoretical study or applied research</p>		



	<p>independently or cooperatively (with their supervisor) under the guidance of his/her supervisor, and to obtain research findings with certain theoretical or application value; to do well in presenting their research results or academic viewpoints with academic papers, research reports and oral reports.</p> <p>(2) PhDs are demanded to be able to extract problems of research value from the new issues and new phenomena in both theoretical field and practical field; to be of the ability to conduct high-level researches independently; to be equipped with organizational and coordinative skills during teamwork, field investigation, academic conferences, etc.</p> <p>2.Requirements on Individual Quality:</p> <p>(1) Masters are required to be thirsty for knowledge, be creative, and rigorous; to observe academic norms and ethics; to be proficient in basic theories of economics and management, and other related subjects; to be flexible and practical; be equipped with methodologies and skill for research and able to do research on subjects related to this field; to have a strong ability in self-expression, and to have a good command of one foreign language at least.</p> <p>(2) PhDs are required to advocate science, to devote themselves to academic research, and to observe academic norms and ethics; to be equipped with basic theories and concepts, major research methods and strategies; to be of the ability to conduct scientific researches independently; to have a good command of at least one foreign language.</p> <p>3. Requirements on Academic Papers:</p> <p>To apply for a degree, candidates are required to follow the Regulations on Postgraduates' Academic Papers Publication of Management School of Xiamen University.</p>
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Curriculum

(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)

Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	SP/FA	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
	000010201	First Foreign Language	2	SP/FA	C	O	
General Courses (offered by the School):	060011001	Advanced Microeconomics	3	FA	C	C	
	060011002	Advanced Management	3	FA	C	C	
	060011003	History of Management Thoughts	2	SP	O	C	



Master <u>9</u> credits, PhD <u>13</u> credits	060011004	Social Research Methods	2	FA	O	C	Credits required of Methodology courses: Master \geq 3 credits, PhD \geq 5 credits
	060011005	Advanced Econometrics	2	FA	O	O	
	060011007	Survey Method	1	SP	O	O	
	060011008	Empirical Research Method— Experimentation	1	SP	O	O	
	060011009	Case Study Method	1	SP	O	O	
	060011010	Qualitative Research Method	1	SP	O	O	
	060011011	Multivariate Statistics	1	SP	O	O	
Compulsory Courses: Master \geq <u>6</u> credits for lectures, PhD \geq <u>6</u> credits for seminars	060323001	Frontier of Information Systems	3	SP	O	O	Seminar compulsory for candidates of IS
	060323002	Frontier of Operation Management	3	SP	O	O	Seminar compulsory for candidates of OM
	060323003	Advanced Operation Research	3	FA	C	O	Lecture
	060323005	basic theory of Technical economy	3	FA	C	O	Lecture
Optional Courses: Master \geq <u>4</u> credits	060323007	Information System Analysis and Design	2	SP	O	O	Lecture
	060323008	operation management	2	SP	O	O	Lecture
	060323011	Project Management	2	SP	O	O	Lecture
	060323009	E-commerce Technology	2	SP	O	O	Lecture
	060323012	network economy	2	SP	O	O	Lecture
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different disciplines.						
Other Academic Sections (C-Compulsory; O-Optional)							
Other Academic Sections	C or O	Credit	Requirements				Evaluation (Ways and time)
Academic Lectures	C	0	Candidates are required to write at least one working paper that conforms to academic norms, and attend at least 10 academic lectures.				



Mid-term Assessment	C	0 credit for masters, 1 credit for PhDs	<p>1. Masters are required to present a thesis proposal report and take the mid-term assessment by the end of the SP of the second academic year. Without presenting a thesis proposal report and getting approved, candidates are not allowed to proceed to any social investigations related to the thesis, nor apply for the thesis defense.</p> <p>2. PhDs shall take the comprehensive assessment (thesis proposal examination). Candidates are examined for a good grasp of basic theories and concepts necessary for thesis writing, and the ability to complete a thesis. For more detailed information, please refer to the Regulations on Postgraduates' Comprehensive Examination (Thesis Proposal Examination) and Mid-term Shunt of Management School of Xiamen University.</p>	
Literature Review and Research Report				
Thesis Proposal				
Social Practice	C	2 credits for masters, 1 credit for PhDs	<p>Candidates shall conduct social and teaching practices for at least 3 weeks by working as the teaching assistant, participating in enterprise-sponsored projects, social practice for designated projects, secondment practice, receiving training and doing practice in university-enterprise bases, entrepreneurial practice, and other specific forms. For more detailed information, please refer to Regulations on Postgraduates' Social Practice of Xiamen University.</p>	
Teaching Practice				
Inter-Campus Communication and Exchange				
Thesis	<p>1. The thesis is an important contribution to the cultivation of masters and PhDs. Candidates should complete the thesis writing independently under the guidance of the supervisor. For masters, at least 1 year shall be allocated for the thesis writing, and for PhDs at least 2 years. During the process of thesis writing, candidates shall report to the supervisor (or the supervisor team) regularly.</p> <p>2. The subject chosen, literature review, research design, and research findings shall meet requirements set in the Criteria for Granting Degrees of Business Administration of Xiamen University.</p> <p>3. The thesis defense and thesis proposal shall meet requirements set by the Regulations on Postgraduates' Theses Proposal and Theses Defense of the Management School of Xiamen University.</p> <p>4. Candidates shall conduct duplicate checking prior to the thesis defense. For detailed information, please refer to the Regulations on Duplicate Checking for Masters and PhDs' Theses of the Management School of Xiamen University.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author(s)	Evaluation Ways	Remark (C or O)



Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;
 2. Examination on thesis proposal or comprehensive examination;
 3. Reading Report;
 4. Other specific ways.



Graduate Program for Tourism Management

School	School of Management	Student Type	Master & PhD
Discipline	Business Administration	Discipline Code	1202
Subject included	Tourism Management (120203)		
Length of Study	Master 3 years; PhD 4 years		
Credit Requirements	Master ≥ 32 credits: ≥ 30 credits for courses, 2 credits for other academic sections.		
	PhD ≥ 26 credits: ≥ 24 credits for courses (≥ 9 credits for seminars), 2 credits for other academic sections.		
Program Objectives	<p>1. Candidates are supposed to grasp the basic tenets of Marxism, uphold the Constitution of the People's Republic of China, abide by laws and regulations, be dedicated to China along with its people, and be of great ambition and innovation.</p> <p>2. After completing this program, masters are supposed to:</p> <p>(1) have a solid foundation of basic theories and concepts of tourism management;</p> <p>(2) be of the ability to analyze, study, and solve theoretical or practical problems with theories and methodologies of tourism management, and display innovation during the process;</p> <p>(3) be of the competence to do research on tourism management or to be a manager;</p> <p>(4) reach the academic level set in the Criteria for Granting Degrees of Tourism Management of Xiamen University.</p> <p>PhDs are expected to be creative talents with a good and systematic grasp of basic theories and concepts of tourism management, and methodologies for research; reach the academic level required in the Criteria for Granting Degrees of Tourism Management of Xiamen University. Major objectives are as follows:</p> <p>(1) to profoundly and systematically grasp the basic theories and concepts of tourism management, and to be fully aware of the academic research paradigms and development trend in the field of tourism management;</p> <p>(2) not only to have a systematic grasp of theories, methodologies and skills of tourism management, but also to be proficient in applying theories to reality so as to put forward questions and conduct relevant studies;</p> <p>(3) to be of the competence to undertake teaching or research tasks after being equipped with teaching principles and methodologies;</p> <p>(4) be of the ability to make contribution to the development of teaching in this field.</p>		
Requirements of Research Ability and Other Aspects	<p>1. Requirements on research ability:</p> <p>(1) Masters are required to be fully aware of the existing research achievements in tourism management, and relevant theories and research methodologies; to be proficient in applying theories to reality so as to spot problems deserving research; to do theoretical study or applied research independently or cooperatively</p>		



(with their supervisor) under the guidance of his/her supervisor, and to obtain research findings with certain theoretical or application value; to do well in presenting their research results or academic viewpoints with academic papers, research reports and oral reports.

(2) PhDs are demanded to be able to extract problems of research value from the new issues and new phenomena in both theoretical field and practical field; to be of the ability to conduct high-level researches independently; to be equipped with organizational and coordinative skills during teamwork, field investigation, academic conferences, etc.

2.Requirements on Individual Quality:

(1) Masters are required to be thirsty for knowledge, to be creative, and rigorous; to observe academic norms and ethics; to be proficient in basic theories of economics and tourism management, and other related subjects; to be flexible and practical; to be equipped with methodologies and skill for research and able to do research on subjects related to this field; to have a strong ability in self-expression, and to have a good command of one foreign language at least.

(2) PhDs are required to advocate science, to devote themselves to academic research, and to observe academic norms and ethics; to be equipped with basic theories and concepts, major research methods and strategies; to be of the ability to conduct scientific researches independently; to have a good command of at least one foreign language.

3. Requirements on Academic Papers:

To apply for a degree, candidates are required to follow the Regulations on Postgraduates' Academic Papers Publication of Management School of Xiamen University.

Curriculum

(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)

Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA/SP	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
	000010201	First Foreign Language	2	FA/SP	C	O	
General Courses: Master <u>9</u> credits, PhD <u>13</u> credits	060011001	Advanced Microeconomics	3	FA	C	C	
	060011002	Advanced Management	3	FA	C	C	
	060011003	History of Management Thoughts	2	SP	O	C	
	060011004	Social Research Methods	2	FA	O	C	Credites



	060011005	Advanced Econometrics	2	FA	O	O	required of Methodolog y courses: Master \geq 3 credits; PhD \geq 5 credits
	060011007	Survey Method	1	SP	O	O	
	060011008	Empirical Research Method—Experimentation	1	SP	O	O	
	060011009	Case Study Method	1	SP	O	O	
	060011010	Qualitative Research Method	1	SP	O	O	
	060011011	Multivariate Statistics	1	SP	O	O	
Compulsory Courses: Master \geq 8 credits, PhD \geq 9 credits	060424001	The Theory of Tourism Management	3	FA		C	Seminar
	060424002	Research methods of Tourism Science	3	SP		C	Seminar
	060424003	School of Tourism Academic Thought	3	FA		C	Seminar
	060424004	The Study of Tourism Marketing	2	SP	C		Lecture
	060424005	Study of Tourism Planning and Development	2	FA	C		Lecture
	060424006	research of Hotel business management	2	FA	C		Lecture
	060424007	Study of travel agency management	2	FA	C		Lecture
Optional Courses: Master \geq 8 credits (Master: at least 8 credits for candidates of Hospitality Management and Turism Management; PhD: no specific requirements)	060424008	Tourism Financial Management	2	FA	O		Lecture
	060424009	Tourism Enterprise Cost Control	2	SP	O		Lecture
	060424010	E-commerce in Hospitality & Tourism	2	SP	O		Lecture
	060424011	Research of Pricing and Revenue Management	2	SP	O		Lecture
	060424012	Special Issues of Human Resource Management in Tourism Industry	2	FA	O		Lecture
	060424013	the Special Topic of Service Management	2	FA	O		Lecture
	060424014	Study on the Business Strategy of Tourism Enterprise Internationalization		FA	O		Seminar
	060424015	Traveling Psychology	2	FA	O		Seminar



	060424016	Monographic Study of Tourism Law	2	SP	O		Lecture
	060424017	Management of Visitor Attraction Areas	2	FA	O		Seminar
	060424018	Advanced Research on Tourism Economics	2	FA	O		Seminar
	060424019	Seminar on Tourism Consumer Behavior	2	SP	O		Seminar
	060424020	Tourism Sociology and Anthropology	2	SP		O	Seminar
	060424021	Image-planning of Tourist Destination Areas	2	SP	O		Lecture
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different programs.						
Other Academic Sections (C-Compulsory;O-Optional)							
Category	C or O	Credit	Requirements				Evaluation (Ways and time)
Academic Lectures	C	0	Candidates shall attend academic lectures and reports.				Candidates shall attend at least 10 academic lectures.
Mid-term Assessment	C	0 credit for masters, 1 credit for PhDs	1. Masters are required to present a thesis proposal and take the mid-term assessment by the end of the FA of the second academic year. Without presenting a thesis proposal and getting approved, candidates are not allowed to proceed to any social investigations related to the thesis, nor apply for the thesis defense. 2. PhDs shall submit a literature review report based on empirical research and related to their thesis by the end of the first academic year; and submit to academic journals at least one paper based on empirical research by the end of the second academic year. 3. The comprehensive assessment (thesis proposal) is a must for PhDs. Candidates are examined for a good grasp of basic theories and concepts necessary for thesis writing, and the ability to				
Literature Review and Research Report							
Thesis Proposal							



			complete a thesis. The thesis proposal shall be completed by the end of the third academic year. For more detailed information, please refer to the Regulations on Postgraduates' Comprehensive Examination (Thesis Proposal) and Mid-term Shunt of Management School of Xiamen University.	
Social Practice	C	2 credits for masters, 1 credit for PhDs	Candidates shall conduct social and teaching practices for at least 3 weeks by working as the teaching assistant, participating in enterprise-sponsored projects, social practice for designated projects, secondment practice, receiving training and doing practice in university-enterprise bases, entrepreneurial practice, and other specific forms. For more detailed information, please refer to Regulations on Postgraduates' Social Practice of Xiamen University.	
Teaching Practice				
Thesis	<p>1. The thesis is an important contribution to the cultivation of masters and PhDs. Candidates should complete the thesis writing independently under the guidance of the supervisor. For masters, at least 1 year shall be allocated for the thesis writing, and for PhDs at least 2 years. During the process of thesis writing, candidates shall report to the supervisor (or the supervisor team) regularly.</p> <p>2. The subject chosen, literature review, research design, and research findings shall meet requirements set in the Criteria for Granting Degrees of Business Administration of Xiamen University.</p> <p>3. The thesis defense and thesis proposal shall meet requirements set in the Regulations on Postgraduates' Theses Proposal and Theses Defense of the Management School of Xiamen University.</p> <p>4. Candidates shall conduct duplicate checking prior to the thesis defense. For detailed information, please refer to the Regulations on Duplicate Checking for Masters and PhDs' Theses of the Management School of Xiamen University.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	《基础旅游学》，中国旅游出版社，2011年版	谢彦君	2	C
2	《旅游研究经典评论》，南开大学出版社，2006年版	克里斯·库珀(著)，钟林生、谢婷(译)	2	C
3	《旅游研究方法》，旅游教育出版社，2010年版	盖尔·詹宁斯(著)，谢彦君、陈丽(译)	2	C
4	THE TOURIST GAZE: Leisure and Travel in	John Urry	3	C



	Contemporary Societies, 1995			
5	《人类学与旅游时代》，广西师范大学出版社，2009 年版	Nelson Graburn (著)，彭兆荣(丛书主编)，赵红梅等(译)	3	
6	The Tourist: A New Theory of the Leisure Class, the Press of University of California	Dean MacCannell	3	
7	《休闲理论原理与实践》，中国教育出版社，2010 年版	罗杰克(ChrisRojek)(著)，张凌云(译者)	3	C
8	《旅游学原理:旅游运行规律研究之系统陈述》，中国旅游出版社，2010 年版	申葆嘉(著)	3	C
9	《旅游学》，中国人民出版社，2008 年版	查尔斯•R•格德纳(Charles R.Goeldner)(著)，李天元、徐虹、黄晶(译者)	3	C
10	《旅游学术思想流派》。南开大学出版社，2008	邹统钎，高中，钟林生编著	1	C
11	区域旅游规划原理. 中国旅游出版社.2001	吴必虎著	3	C
12	旅游开发研究——原理、方法、实践. 科学出版社.1996	保继刚著	3	C
13	旅游营销学. 中国旅游出版社. 2001	维克多•秘德尔敦	3	C
14	全球旅游新论. 中国旅游出版社. 2001	威廉•瑟厄波德(主编)	3	O
15	Journal of Travel Research		3	O
16	Cornell Hotel and Restaurant Administration Quarterly.		3	O
17	Tourism Management		3	O
18	Annals of Tourism Research		3	O
19	Journal of marketing Research		3	O
20	Harvard Business Review		3	O
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Financial Management

School	School of Management	Student Type	Master & PhD
Discipline	Business Administration	Discipline Code	1202
Subject included	Financial Management (12022Z1)		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit Requirements	Master ≥ 42 credits: ≥ 40 credits for courses, <u>2</u> credits for other academic sections.		
	PhD ≥ 25 credits: ≥ 23 credits for courses (6 credits for seminars), <u>2</u> credits for other academic sections.		
Program Objectives	<p>1. Candidates are supposed to grasp the basic tenets of Marxism, to uphold the Constitution of the People's Republic of China, to abide by laws and regulations, to be dedicated to China along with its people, and to be of great ambition and innovation.</p> <p>2. After completing this program, masters are supposed to:</p> <p>(1) have a solid foundation of basic theories and concepts of management;</p> <p>(2) be of the ability to analyze, study, and solve theoretical or practical problems with theories and methodologies of management, and display innovation during the process;</p> <p>(3) be of the competence to do research on management or to be a manager;</p> <p>(4) reach the academic level set in the Criteria for Granting Degrees of Business Administration of Xiamen University.</p> <p>PhDs are expected to be creative talents with a good and systematic grasp of basic theories and concepts of management, and methodologies for research; reach the academic level set in the Criteria for Granting Degrees of Business Administration of Xiamen University. Major objectives are as follows:</p> <p>(1) to profoundly and systematically grasp the basic theories and concepts of management, and to be fully aware of the academic research paradigms and development trend in the field of management;</p> <p>(2) not only to have a systematic grasp of theories, methodologies and skills of management, but also to be proficient in applying theories to reality so as to put forward questions and conduct relevant studies;</p> <p>(3) to be of the competence to undertake teaching or research tasks after being equipped with teaching principles and methodologies;</p> <p>(4) be of the ability to make contribution to the development of teaching in this field.</p>		
Requirements of Research Ability and Other Aspects	<p>1. Requirements on research ability:</p> <p>(1) Masters are required to be fully aware of the existing research achievements in business administration, and relevant theories and research methodologies; to be proficient in applying theories to reality so as to spot problems deserving research; to do theoretical study or applied research independently or cooperatively (with their supervisor) under the guidance of his/her supervisor, and to obtain research findings with certain theoretical or application value; to do well in presenting their research results or academic viewpoints with academic papers, research reports and oral reports.</p>		



	<p>(2) PhDs are demanded to be able to extract problems of research value from the new issues and new phenomena in both theoretical field and practical field; to be of the ability to conduct high-level researches independently; to be equipped with organizational and coordinative skills during teamwork, field investigation, academic conferences, etc.</p> <p>2.Requirements on Individual Quality:</p> <p>(1) Masters are required to be thirsty for knowledge, to be creative, and rigorous; to observe academic norms and ethics; to be proficient in basic theories of economics and management, and other related subjects; to be flexible and practical; be equipped with methodologies and skill for research and able to do research on subjects related to this field; to have a strong ability in self-expression, and to have a good command of one foreign language at least.</p> <p>(2) PhDs are required to advocate science, to devote themselves to academic research, and to observe academic norms and ethics; to be equipped with basic theories and concepts, major research methods and strategies; to be of the ability to conduct scientific researches independently; to have a good command of at least one foreign language.</p> <p>3. Requirements on Academic Papers:</p> <p>To apply for a degree, candidates are required to follow the Regulations on Postgraduates' Academic Papers Publication of Management School of Xiamen University.</p>
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Curriculum

(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)

Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA/SP	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA/SP	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
General Courses (offered by the School): Master <u>9</u> credits, PhD <u>13</u> credits	060011001	Advanced Microeconomics	3	FA	C	C	
	060011002	Advanced Management	3	FA	C	C	
	060011003	History of Management Thoughts	2	SP	O	C	
	060011004	Social Research Methods	2	FA	O	C	Credits required of
	060011005	Advanced Econometrics	2	FA	O	O	



	060011007	Survey Method	1	SP	O	O	Methodology courses: Master \geq 3 credits, PhD \geq 5 credits
	060011008	Empirical Research Method— Experimentation	1	SP	O	O	
	060011009	Case Study Method	1	SP	O	O	
	060011010	Qualitative Research Method	1	SP	O	O	
	060011011	Multivariate Statistics	1	SP	O	O	
Compulsory Courses: Master \geq 15 credits, PhD \geq 6 credits	060825001	Empirical Methods in Finance	3	FA	C	O	Lecture
	060825002	Advanced Financial Accounting: Theory and Practice	3	FA	C	O	Lecture
	060825003	Contemporary studies in Finance: Theories and Methods	3	SP	C	O	Lecture
	060825004	Investment	3	SP	C	O	Lecture
	060825005	Financial Markets	3	SP	C	O	Lecture
	060825006	Frontiers of Capital Markets and Investment Theory	3	SP	O	C	Lecture
	060825007	Frontiers of Corporate Finance Theory	3	SP	O	C	Lecture
	060825008	Asset Pricing	2	SP	O	O	Lecture
Optional Courses : Master \geq 10 credits, PhD \geq 2 credits	060825009	Financial Statement Analysis and Valuation	2	FA	O	O	Lecture
	060825010	Advanced Managerial Accounting	2	SP	O	O	Lecture
	060825011	Tax Planning	2	FA	O	O	Lecture (FA of the 2nd year)
	060825012	Capital Budgeting	2	FA	O	O	Lecture (FA of the 2nd year)
	060825013	Mergers and Acquisitions	2	FA	O	O	Lecture
	060825014	Finance and Investment: Theory and Practice	2	SP	O	O	Lecture
	060825015	Financial Engineering	2	SP	O	O	Lecture
	060825016	Behavioral Finance	2	FA	O	O	Lecture (FA of the 2nd year)



	060825017	Seminars or other Disciplined-based Optional Courses Approved by Supervisors	2			O	Seminar
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	0	Candidates are required to attend at least 10 academic lectures; masters shall complete a working paper that observes academic norms; PhDs must give at least one lecture on their working papers in the School.				
Mid-term Assessment	C	_0_ credit for masters, 1 credit for PhDs	1. Masters are required to present a thesis proposal report and take the mid-term assessment by the end of the SP of the second academic year. Without presenting a thesis proposal report and getting approved, candidates are not allowed to proceed to any social investigations related to the thesis, nor apply for the thesis defense. 2. PhDs shall take the comprehensive assessment (thesis proposal examination). Candidates are examined for a good grasp of basic theories and concepts necessary for thesis writing, and the ability to complete a thesis. For more detailed information, please refer to the Regulations on Postgraduates' Comprehensive Examination (Thesis Proposal Examination) and Mid-term Shunt of Management School of Xiamen University.				
Literature Review and Research Report							
Thesis Proposal							
Social Practice	C	_2_ credits for masters, 1 credit for PhDs	Candidates shall conduct social and teaching practices for at least 3 weeks by working as the teaching assistant, participating in enterprise-sponsored projects, social practice for designated projects, secondment practice, receiving training and doing practice in university-enterprise bases, entrepreneurial practice, and other specific forms. For more detailed information, please refer to Regulations on Postgraduates' Social Practice of Xiamen University.				
Teaching Practice							
Inter-Campus Communication and Exchange							



Thesis	<p>1. The thesis is an important contribution to the cultivation of masters and PhDs. Candidates shall complete the thesis writing independently under the guidance of the supervisor. For masters, at least 1 year shall be allocated for the thesis writing, and for PhDs at least 2 years. During the process of thesis writing, candidates shall report to their supervisor (or supervisor team) regularly.</p> <p>2. The subject chosen, literature review, research design, and research findings shall meet requirements set in the Criteria for Granting Degrees of Business Administration of Xiamen University.</p> <p>3. The thesis defense and thesis proposal shall meet requirements set in the Regulations on Postgraduates' Theses Proposal and Theses Defense of the Management School of Xiamen University.</p> <p>4. Candidates shall conduct duplicate checking prior to the thesis defense. For detailed information, please refer to the Regulations on Duplicate Checking for Masters and PhDs' Theses of the Management School of Xiamen University.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	Journal of Finance			
2	Journal of Financial Economics			
3	Review of Financial Studies			
4	Journal of Financial and Quantitative Analysis			
5	Journal of Banking & Finance			
6	Journal of Corporate Finance			
7	《经济研究》			
8	《管理世界》			
9	《金融研究》			
10	《会计研究》			
11	《期权、期货及其他衍生工具》	John Hill		
12	《现代金融经济学》	陆家骝		
13	《公司财务理论与实务》	爱斯华斯.达摩德伦		
14	《财务报表分析与证券定价》	斯蒂芬.佩因曼		
15	《财务管理与政策》	詹姆斯.C.范霍恩		
16	《投资学》	滋维.博迪等		
17	《转轨经济中的公司治理结构》	青木昌彦、钱颖一		
18	The New Corporate Finance: Where	Donald H. Chew, Jr.		



	Theory Meets Practice			
19	Corporate Finance Theory	William L. Megginson		
20	Empirical Research in Capital Markets	G. Willian, S. Clifford, W. Smith		
21	Principles of Corporate Finance	Richard A. Brealey Stewart C. Myers		
22	Principles of Corporate Finance	Richard A. Brealey Stewart C. Myers		
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Marketing

School	School of Management	Student Type	Master & PhD
Discipline	Business Administration	Discipline Code	1202
Subject included	Marketing(1202Z2)		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit Requirements	Master ≥ 26 credits: ≥ 24 credits for courses, <u>2</u> credits for other academic sections.		
	PhD ≥ 21 credits: ≥ 19 credits for courses, <u>2</u> credits for other academic sections.		
Program Objectives	<p>1. Candidates are supposed to grasp the basic tenets of Marxism, to uphold the Constitution of the People's Republic of China, to abide by laws and regulations, to be dedicated to China along with its people, and to be of great ambition and innovation.</p> <p>2. After completing this program, masters are supposed to:</p> <p>(1) have a solid foundation of basic theories and concepts of marketing;</p> <p>(2) be of the ability to analyze, study, and solve theoretical or practical problems with theories and methodologies of marketing, and display innovation during the process;</p> <p>(3) be of the competence to do research on marketing or to be a marketing manager;</p> <p>(4) reach the academic level set in the Criteria for Granting Degrees of Marketing of Xiamen University.</p> <p>PhDs are expected to be creative talents with a good and systematic grasp of basic theories and concepts of marketing, and methodologies for research; reach the academic level set in the Criteria for Granting Degrees of Marketing of Xiamen University. Major objectives are as follows:</p> <p>(1) to profoundly and systematically grasp the basic theories and concepts of marketing, and to be fully aware of the academic research paradigms and development trend in the field of marketing;</p> <p>(2) not only to have a systematic grasp of theories, methodologies and skills of marketing, but also to be proficient in applying theories to reality so as to put forward questions and conduct relevant studies;</p> <p>(3) to be of the competence to undertake teaching or research tasks after being equipped with teaching principles and methodologies;</p> <p>(4) be of the ability to make contribution to the development of teaching in this field.</p>		
Requirements of Research Ability and Other Aspects	<p>1.Requirements on research ability:</p> <p>(1) Masters are required to be fully aware of the existing research achievements in marketing, and relevant theories and research methodologies; to be proficient in applying theories to reality so as to spot problems deserving research; to do theoretical study or applied research independently or cooperatively (with their supervisor) under the guidance of his/her supervisor, and to obtain research findings with certain theoretical or application value; to do well in presenting their research results or academic viewpoints with academic papers, research reports and oral reports.</p> <p>(2) PhDs are demanded to be able to extract problems of research value from the new issues and new</p>		



	<p>phenomena in both theoretical field and practical field; to be of the ability to conduct high-level researches independently; to be equipped with organizational and coordinative skills during teamwork, field investigation, academic conferences, etc.</p> <p>2.Requirements on Individual Quality:</p> <p>(1) Masters are required to be thirsty for knowledge, to be creative, and rigorous; observe academic norms and ethics; to be proficient in basic theories of economics and marketing, and other related subjects; to be flexible and practical; be equipped with methodologies and skill for research and able to do research on subjects related to this field; to have a strong ability in self-expression, and to have a good command of one foreign language at least.</p> <p>(2) PhDs are required to advocate science, to devote themselves to academic research, and to observe academic norms and ethics; to be equipped with basic theories and concepts, major research methods and strategies; to be of the ability to conduct scientific researches independently; to have a good command of at least one foreign language.</p> <p>3. Requirements on Academic Papers:</p> <p>To apply for a degree, candidates are required to follow the Regulations on Postgraduates' Academic Papers Publication of Management School of Xiamen University.</p>
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Curriculum

(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)

Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA/SP	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA/SP	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
General Courses (offered by the School): Master <u>9</u> credits, PhD <u>13</u> credits	060011001	Advanced Microeconomics	3	FA	C	C	Credits required of Methodology courses: Master ≥ 3 credits, PhD
	060011002	Advanced Marketing	3	FA	C	C	
	060011003	History of Marketing Thoughts	2	SP	O	C	
	060011004	Social Research Methods	2	FA	O	C	
	060011005	Advanced Econometrics	2	FA	O	O	
	060011007	Survey Method	1	SP	O	O	
	060011008	Empirical Research Method—Experimentation	1	SP	O	O	



	060011009	Case Study Method	1	SP	O	O	≥ 5 credits
	060011010	Qualitative Research Method	1	SP	O	O	
	060011011	Multivariate Statistics	1	SP	O	O	
Compulsory Courses: Master ≥ 6 credits	060926001	Marketing Research	2	FA	C		Lecture
	060926002	Consumer Behavior	2	SP	C		Lecture
	060926003	Strategic Marketing	2	FA	C		Lecture
	060926011	Seminar in Marketing Strategy	2	SP	O	C	Seminar
	060926012	Seminar in Consumer Behavior	2	SP	O	C	Seminar
Optional Courses: Master ≥ 5 credits PhD ≥ 4 credits	060926004	Database Marketing	2	SP	O		Lecture
	060926005	Brand Management	2	SP	O		Lecture
	060926006	Internet Marketing	2	SP	O		Lecture
	060926007	Sales Management	2	SP	O		Lecture
	060926008	International Marketing	2	SP	O		Lecture
	060926009	Marketing Model	2	SP	O	O	Lecture
	060926010	Special Topics in Marketing	2	SP	O	O	Seminar
Other Requirements	<p>Courses completed during the master studies can be exempted in the doctoral studies.</p> <p>Approved by the supervisor, candidates are allowed to take courses from relevant programs (such as Business Administration and Advertising, etc.) as optional courses.</p>						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements				Evaluation (Ways and time)
Academic Lectures	C	0	Candidates must complete a working paper that observes academic norms, and attend at least 10 academic lectures.				
Mid-term Assessment	C	0 credit for masters, 1 credit for PhDs	<p>1. Masters are required to present a thesis proposal report and take the mid-term assessment by the end of the FA of the second academic year. Without presenting a thesis proposal report and getting approved, candidates are not allowed to proceed to any social investigations related to the thesis, nor apply for the thesis defense.</p> <p>2. PhDs shall submit a literature review report based on empirical research and related to their thesis by the end of the first academic year; and submit to academic journals at least one paper based on empirical research by the end of the second academic year.</p>				
Literature Review and Research Report							
Thesis Proposal							



			3. PhDs shall take the comprehensive assessment (thesis proposal examination). Candidates are examined for a good grasp of basic theories and concepts necessary for thesis writing, and the ability to complete a thesis. The thesis proposal shall be completed by the end of the third academic year. For more detailed information, please refer to the Regulations on Postgraduates' Comprehensive Examination (Thesis Proposal Examination) and Mid-term Shunt of Management School of Xiamen University.	
Social Practice	C	2 credits for masters, 1 credit for PhDs	Candidates shall conduct social and teaching practices for at least 3 weeks by working as the teaching assistant, participating in enterprise-sponsored projects, social practice for designated projects, secondment practice, receiving training and doing practice in university-enterprise bases, entrepreneurial practice, and other specific forms. For more detailed information, please refer to Regulations on Postgraduates' Social Practice of Xiamen University. PhDs shall deliver at least 2 academic reports before their graduation.	
Teaching Practice				
Inter-Campus Communication and Exchange				
Thesis	<p>1. The thesis is an important contribution to the cultivation of masters and PhDs. Candidates shall complete the thesis writing independently under the guidance of the supervisor. For masters, at least 1 year shall be allocated for the thesis writing, and for PhDs at least 2 years. During the process of thesis writing, candidates shall report to the supervisor (or the supervisor team) regularly.</p> <p>2. The subject chosen, literature review, research design, and research findings shall meet requirements set in the Criteria for Granting Degrees of Business Administration of Xiamen University.</p> <p>3. The thesis defense and thesis proposal shall meet requirements set by the Regulations on Postgraduates' Theses Proposal and Theses Defense of the Management School of Xiamen University.</p> <p>4. Candidates shall conduct duplicate checking prior to the thesis defense. For detailed information, please refer to the Regulations on Duplicate Checking for Masters and PhDs' Theses of the Management School of Xiamen University.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	Theory Construction in Marketing	Zaltman, LeMasters, and Heffring	Thesis proposal or comprehensive examination	C for all



2	Marketing Theory: Foundation, controversy, Strategy, Resource-Advantage Theory	Shelby D. Hunt		C for Strategic marketing
3	Handbook of Consumer Psychology	Curtis P. Haugtvedt, Paul M. Herr, Frank R. Kardes		C for CB
4	Journal of Marketing Research		Reading Report	C for all
5	Journal of Marketing			C for Strategic marketing
6	Strategic Marketing Journal			C for Strategic marketing
7	Journal of Consumer Research			C for CB
8	Journal of Consumer Psychology			C for CB
9	Journal of the Academy of Marketing Science			C for all
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways.</p>				



Graduate Program for Jurisprudence

College	School of Law, Intellectual Property Research Institute, South China Sea Institute	Student Type	Master & PhD
Discipline	Jurisprudence	Discipline Code	0301
Applicable Grade	Master: Grade 2015 PhD: Grade 2014		
Subject included	Jurisprudence(030101) ; FXB(030102);Constitutional and Administrative Law(0301030);Criminal Law(030104);Civil and Commercial Law(030105);Procedure Law(030106);Economic Law(030107);Environmental Protection Law(030108) ; International Law(030109) ; Finance and Tax Law(0301Z2);Intellectual Property Law(0301Z1);Intellectual Property Marketing (0202J5);Maritime Law (0301Z3)		
Length of study	Master <u>2</u> years; PhD <u>4</u> years		
Credit	Master ≥ 27 credits: ≥ 24 credits for courses, <u>3</u> for other academic sections.		
Requirements	PhD ≥ 13 credits: ≥ 10 credits for courses, <u>3</u> for other academic sections.		
Program Objectives	<p>Master:</p> <p>This program aims to cultivate legal experts who are qualified to do legal researches or legal practice. Specific requirements are as follows:</p> <ol style="list-style-type: none"> 1. to have a good command of basic theories and concepts of jurisprudence, legal theories and practice at home and abroad and the development of the chosen field so as to be of the ability to deal with practical problems independently; 2. to have a good grasp of at least one foreign language and to be able to read and translate texts written in the foreign language; 3. to be mentally and physically healthy. <p>PhD:</p> <p>This program aims to cultivate talents who are proficient in basic theories and concepts of jurisprudence, and are eligible for doing legal researches, teaching jurisprudence, handling legislation and judiciary, and other legal practices. Specific requirements are as follows:</p> <ol style="list-style-type: none"> 1. to abide by laws and disciplines; to be of responsibility, dedication, integrity and trust; 2. to be proficient in basic theories and concepts of jurisprudence; to be fully aware of China's law system and the frontier issues in jurisprudence; to be of the ability to conduct legal researches and handle legal affairs independently; 3. to notice the connection between jurisprudence and the non-jurisprudence, so as to take other disciplines into consideration when doing legal research. 		



<p>Requirements of Research Ability and Other Aspects</p>	<p>PhD:</p> <p>According to the Regulations on Postgraduates' Academic Papers Publication of Xiamen University (Document No. 2014(31)), PhDs of humanities and social science (including Philosophy, Economics, Jurisprudence, Pedagogy, Literature, History, Management, Fine Arts, and Doctor of Education.) must publish at least one academic paper in the top journals or the first-class core journals, or 3 papers in the second-class core journals prior to applying for a doctoral degree. One of the 3 papers can be replaced with a monograph, a textbook, or a translation of an academic book related to the field of study (parts completed by the candidate, for a monograph, must be of at least 30,000 characters and, for a text book or an academic book, must be of at least 50,000 characters). All the journals mentioned above do not include supplements, special issues or albums. All the academic papers published for applying for a doctoral degree must be of at least 3,000 characters, and must be of relevance to the thesis. The candidate must be the first author(if his/her supervisor is the first author and he/she is the second, he/she will be deemed as a first author) with Xiamen University as the first-author affixation. For papers published in SCI, EI, and SSCI, the letter of acceptance counts; for others, the publications must be submitted when applying for a doctoral degree. Academic papers published in EI must be periodical papers. Overseas PhDs, and PhDs from Hong Kong, Macao, and Taiwan, must publish at least 2 academic papers or 2 translations of foreign academic papers in jurisprudence in China's or foreign academic papers with official serial numbers.</p> <p>Master:</p> <p>Academic papers are not compulsory for masters, but candidates are required to:</p> <ol style="list-style-type: none"> 1. have a good command of the basic or main literature of the field they study; 2. be fully aware of the development of the theories and laws related to the chosen field; 3. be of the ability to read and translate literature written in at least one foreign language, and to write abstracts for their academic papers in at least one foreign language; 4. grasp the basic methodologies for jurisprudence research and make use of them; 5. be of the ability to detect, analyze, and solve problems; 6. be of the ability to search for literature and process data on a computer; 7. be of the ability to complete an academic paper in Chinese without any obstacles.
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Curriculum

(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)

Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA/ SP	C	O	
	000010102	Studies on the Socialist Theory and Practice with Chinese Characteristics	1	FA/ SP	C		



	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
Compulsory Courses: Master ≥ 6 credits, PhD ≥ 6 credits	030010001	Jurisprudence	2	FA	C	O	Master course; C for candidates of Law School and IPRI
	030010002	Methodology of Law Research	2	FA	C	O	Master course; C for candidates of Law School, IPRI and South China Sea Institute
	030010003	Case Study	2	SP	C	O	Master course; C for candidates of Law School, IPRI and South China Sea Institute
	380221002	Marine Science and Utilization	2	FA	C	O	Master course; C for candidates of South China Sea Institute
	030010000	Studies on Legal Frontier Issues	3	FA	O	O	PhD course; C for candidates of Law School, IPRI and South China Sea Institute
	030020000	Research on Special Legal Issues	3	SP	O	O	PhD course; C for candidates of Law School
	340020001	Research on Special Issues on Intellectual Property Marketing	3	SP	C	C	PhD course; C for candidates of IPRI
	Optional Courses	030020000	Research on Special Legal Issues(Maritime Law)	3	SP	O	C
010222015		Studies on Frontier Issues of Marine History	2	FA	O	C	PhD course; C for candidates of South China Sea Institute
030020102		Legislation	2	SP	C	O	C for candidates of Jurisprudence



030020103	Legal Hermeneutics	2	FA	C	O	C for candidates of Jurisprudence
030030101	Economics of Law	2	SP	O	O	
030030102	Politics of Law	2	FA	O	O	
030030103	Forensics Linguistics	2	FA	O	O	
030030104	Legal Culture	2	FA	O	O	
030030105	Studies on Human Rights	2	SP	O	O	
030030106	Comparative Law	2	SP	O	O	
030030107	Comparative Studies on Sino-Western Legal Philosophy	2	SP	O	O	
030030108	Legislation Technology	2	SP	O	O	
030020201	Studies on Chinese Legal History	2	FA	C	O	C for candidates of Legal History
030020202	Western Jurisprudence	2	FA	C	O	C for candidates of Legal History
030020203	Studies on History of Chinese Legal Philosophy	2	SP	C	O	C for candidates of Legal History
030030201	History of Chinese Criminal Law	2	FA	O	O	
030030202	Chinese Traditional Legal Culture	2	FA	O	O	
030030203	Law and Gender	2	FA	O	O	
030030204	Development History of Fundamental Rights	2	FA	O	O	
030030205	Philology of Legal History	2	SP	O	O	
030030206	Legal Thought History of West World	2	SP	O	O	
030030207	Legal Cognitive Science	2	SP	O	O	
030020301	Studies on Chinese Constitution	2	FA	C	O	C for candidates of Constitutional Law and Administrative Law
030020302	Studies on Chinese Administrative Law	2	FA	C	O	C for candidates of Constitutional Law and Administrative Law



030020303	Comparative Constitution	2	SP	C	O	C for candidates of Constitutional Law and Administrative Law
030030301	Administrative Procedural Law	2	FA	O	O	
030030302	Theory and Practice of Administrative Adjudication	2	FA	O	O	
030030303	Selected Documents of Public Law	2	FA	O	O	
030030304	Comparative Administrative Law	2	SP	O	O	
030030305	History of Constitutional Theory	2	SP	O	O	
030030306	Fundamental Rights	2	SP	O	O	
030020401	Studies on Chinese Criminal Law	2	FA	C	O	C for candidates of Criminal Law
030020402	Comparative Criminal Law	2	SP	C	O	C for candidates of Criminal Law
030020403	Studies on Criminology	2	Sp	C	O	C for candidates of Criminal Law
030030401	History of Criminal Law Theory in the West	2	FA	O	O	
030030402	Philosophy of Criminal Law and Hermeneutics of Criminal Law	2	FA	O	O	
030030403	Studies on International Criminal Law	2	SP	O	O	
030030404	Studies on Prison Law	2	SP	O	O	
030030405	Criminal Policy	2	SP	O	O	
030030406	Anglo-American Criminal Law	2	SP	O	O	
030030407	Economic Criminal Law	2	SP	O	O	
030030408	Medical Criminal Law	2	SP	O	O	



030020501	Studies on Civil Law	2	FA	C	O	C for candidates of Civil Law and Commercial Law
030020502	Studies on Commercial Law	2	FA	C	O	C for candidates of Civil Law and Commercial Law
030020503	Family and inheritance law research	2	SP	C	O	C for candidates of Civil Law and Commercial Law
030030501	Jus privatum	2	FA	O	O	
030030502	Research on property law	2	FA	O	O	
030030503	Research on selected issues of corporation law	2	FA	O	O	
030030504	Shares system and stock market	2	FA	O	O	
030030505	Research on insurance law	2	FA	O	O	
030030506	Research on intellectual property law	2	SP	O	O	
030030507	Research on negotiable instrument law	2	SP	O	O	
030030508	Legal Italian	2	SP	O	O	
030030509	Research on tort law	2	SP	O	O	
030030510	Research on contract law	2	SP	O	O	
030030511	Research on maritime law	2	SP	O	O	
030030512	Research on labor law	2	SP	O	O	
030030513	Research on comparative family and inheritance law	2	SP	O	O	
030030514	Research on real estate law	2	SP	O	O	
030030515	Roman law	2	SP	O	O	
030030516	Intellectual property practice	2	SP	O	O	
030030517	Research on trust law	2	SP	O	O	
030030518	Research on selected issues of social security law	2	SP	O	O	
030030519	Research on bankruptcy law	2	SP	O	O	



030020601	Research on civil procedural law	2	FA	C	O	C for candidates of Litigation Law
030020602	Research on criminal procedural law	2	FA	C	O	C for candidates of Litigation Law
030020603	Research on evidence law	2	SP	C	O	C for candidates of Litigation Law
030030601	Research on compulsory enforcement law	2	SP	O	O	
030030602	Judicial system	2	SP	O	O	
030030603	Research on arbitration law	2	SP	O	O	
030030604	Research on foreign criminal procedural system	2	SP	O	O	
030030605	Research on classical cases of Europe Court for Human Rights	2	SP	O	O	
030020701	Research on financial law	2	FA	C	O	C for candidates of Economic Law
030020702	Theory and method of economic law	2	SP	C	O	C for candidates of Economic Law
030020703	Research on competition law	2	SP	C	O	C for candidates of Economic Law and Intellectual Property Research Institute
030030702	Current economic theories	2	FA	O	O	
030030703	Research on macro-economic law	2	FA	O	O	
030030704	Research on corporation tax law	2	FA	O	O	
030030705	Research on securities law	2	FA	O	O	
030030706	Legal practice of bank	2	FA	O	O	
030030707	Economic analysis of law	2	SP	O	O	
030030708	Research on industrial property law	2	SP	O	O	C for candidates of Intellectual Property Research Law
030030709	Legal English of economic law	2	SP	O	O	



030030710	Research on foreign trade law	2	SP	O	O	
030030711	Research on electronic commerce law	2	SP	O	O	
030030712	Research on securities practice	2	SP	O	O	
030020801	Research on environment overview	2	FA	C	O	C for candidates of Environment and Resources Protection Law
030020802	Review on international environment law	2	SP	C	O	C for candidates of Environment and Resources Protection Law
030020803	Research on natural resources law	2	SP	C	O	C for candidates of Environment and Resources Protection Law
030030801	Introduction to environment science	2	FA	O	O	
030030802	Environment civil law	2	FA	O	O	
030030803	Law of climate change	2	FA	O	O	
030030804	Energy law	2	FA	O	O	
030030805	International organization and environment protection	2	FA	O	O	
030030806	Cases deduction on environment resources law	2	SP	O	O	
030030807	Pollution prevention law	2	SP	O	O	
030020901	Public international law	2	FA	C	O	C for candidates of International Law and South China Sea Institute
030020902	Research on international economic law	2	FA	C	O	Compulsory for candidates of International Law



030020903	Research on private international law	2	SP	C	O	C for candidates of International Law
030030901	Research on international relations	2	FA	O	O	
030030902	Research on international trade law	2	FA	O	O	
030030903	Research on international investment law	2	FA	O	O	
030030904	Research on international organization law	2	FA	O	O	
030030905	Research on international maritime law	2	FA	O	O	C for candidates of South China Sea Institute
030030906	Research on EU law	2	FA	O	O	
030030907	Research of HK economic and trade law	2	FA	O	O	
030030908	Research on economic law (in Japanese and Chinese)	2	FA	O	O	
030030909	Research on international monetary and financial law	2	SP	O	O	
030030911	Research on international treaties law	2	SP	O	O	
030030912	Research on international human rights law	2	SP	O	O	
030030913	Maritime resources marketing law	2	SP	O	O	C for candidates of South China Sea Institute
030030914	Research on WTO law	2	SP	O	O	
030030915	Research on international intellectual property law	2	SP	O	O	
030030916	Research on international dispute settlement law	2	SP	O	O	
030030917	Research on foreign contract law	2	SP	O	O	
030030918	Research on international maritime law	2	SP	O	O	



030030919	Research on inter-region conflict law	2	SP	O	O	
030030920	International law and its history	2	SP	O	O	
030030921	Research on international business law	2	SP	O	O	
030030922	Research on WTO case law	2	SP	O	O	
030030923	Research on international water law	2	SP	O	O	
030030924	Research on international aviation law	2	SP	O	O	
030030925	Case study on international economy and trade	2	SP	O	O	
030030926	Case Study of Public International Law	2	SP	O	O	Debating team course
030030927	Case Study of International Commercial Arbitration	2	SP	O	O	Debating team course
030030928	Case Study of International Humanitarian Law	2	SP	O	O	Debating team course
030030929	Case Study of International Trade Law	2	SP	O	O	Debating team course
03002Z201	Research on fiscal and tax law	2	FA	C	O	C for candidates of Fiscal and Tax Law
03002Z202	Research on Chinese tax law	2	FA	C	O	C for candidates of Fiscal and Tax Law
03002Z203	Research on international tax law	2	SP	C	O	C for candidates of Fiscal and Tax Law
03002Z201	Research on budget law	2	FA	O	O	
03002Z202	Research on government purchase law	2	FA	O	O	
03003Z203	Research on tax procedure law	2	SP	O	O	
03003Z204	Research on tax transfer pricing law	2	SP	O	O	



03003Z205	Research on tax-avoidance and anti tax-avoidance	2	FA	O	O	
03003Z206	Research on comparative tax law	2	SP	O	O	
03003Z207	Research on partnership and trust tax law	2	SP	O	O	
03003Z208	Research on selected issues on tax planning	2	SP	O	O	
03003Z209	Accounting principles	2	SP	O	O	
03003Z210	Financial marketing	2	FA	O	O	
03003Z211	Research on income tax law	2	FA	O	O	
03003Z212	Research on commodity and labor tax law	2	FA	O	O	
030020001	Research on basic theories of law	2	FA	O	O	
340030001	Research on Selected Issues on Copyright Law	2	FA	C	O	C for candidates of Intellectual Property Research Institute
340030002	Patent Literature Searching and Analysis	2	SP	C	O	C for candidates of Intellectual Property Research Institute
340030003	Patent Application and Examination	2	FA	O	O	
340030004	Brand Marketing and Trademark Law	2	SP	O	O	
340020002	Comparative Intellectual Property Law	2	FA	O	O	
340020003	Intellectual Property Permit and Transfer	2	FA	O	O	
340020004	Intellectual Property and Creativity Industry	2	FA	O	O	
340020005	International Trade and Intellectual Property	2	FA	O	O	
410030001	Studies on International Fisheries Law	2	SP	O	O	C for candidates of Intellectual Property Research Institute



	410030002	Studies on the Arctic Ocean	2	SP	O	O	C for candidates of Intellectual Property Research Institute
	410030003	Studies on the Antarctic Pole	2	FA	O	O	
	410030004	Marine Resources Law	2	SP	O	O	
	410030005	Studies on Sea Environment Protection Law	2	FA	O	O	
	410030006	ASEAN Politics and Marine Policies	2	SP	O	O	
	010232033	Selected Issues on Marine History	2	SP	O	O	
	010232065	Cultural Heritage and Archaeology of Sea	2	SP	O	O	
	380221003	Marketing of Sea and Coastal Zone	2	FA	O	O	
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements			Evaluation (Ways and time)	
Academic Lectures	C	1	1. Candidates shall attend academic reports relevant to jurisprudence or other relevant disciplines; and/or 2. attend frontier lectures given by experts from or outside of the campus; and/or 3. deliver speeches at academic seminars.			Masters shall deliver speeches at academic seminars and/or attend lectures (for at least 10 lectures/seminars); and PhDs, 20, and for each lecture/seminar a written report is required.	
Mid-term Assessment	C for PhDs	1	PhD candidates are required to take the qualifying examination, and to conduct the mock viva.			It is usually held in the second semester of the first academic year. It can be a three-hour open-book test or close-book test. The passing score is 70. Candidates are not allowed to proceed to thesis writing if	



				<p>he/she fails the examination.</p> <p>For mock viva, please refer to relevant documents for detailed information.</p>
Literature Review and Research Report	C	0	Literature review is covered in the thesis proposal report. See below.	
Thesis proposal	C	0	<p>Masters:</p> <p>1. Under the guidance of the supervisor, candidates shall determine their subject no later than the end of the second semester of the first academic year, and start collecting relevant data.</p> <p>2. Under the guidance of the supervisor, candidates shall complete and submit the thesis proposal for examination and approval by the end of the third term of the first academic year. The examination is organized and held by the teaching and research office. Masters shall determine the title and the outline of the thesis after obtaining advice and suggestions from the supervisor team or the teaching and research office.</p> <p>PhDs:</p> <p>1. Under the guidance of the supervisor, PhDs shall determine their subject, and complete relevant literature review in the first academic year.</p> <p>2. PhDs shall present a thesis proposal report in the first semester of the second academic year. The thesis proposal shall be examined by the supervisor team. The thesis proposal shall cover</p>	<p>Candidates shall submit the Thesis Proposal Assessment Report and present a thesis proposal report to the examination committee for examination and approval.</p>



			<p>the following elements: (1) the selection process of the subject; (2) purposes and significance of the thesis writing, problems to be solved or questions to be answered, and the expected scientific value; (3) academic thoughts, grounds of argument, and difficult points; (4) data and other materials already possessed; (5) obstacles and difficulties confronted and demanding for help from the supervisor team and the teaching and research office; (6) writing schedule, including the completion time of the investigation, outline, first draft, final draft and the time for copyprinting.</p>	
<p>Social Practice (including Teaching Practice)</p>	C	<p>2 credits for masters, 1 credit for PhDs</p>	<p>Masters:</p> <ol style="list-style-type: none"> Under the guidance of the supervisor or the teaching and research office, candidates shall participate in teaching practice relevant to the field they study, and/or social investigations organized by the supervisor or the teaching and research office. With the approval of the supervisor or the teaching and research office, candidates can conduct legal practices in legislative body, judicial office, government sections, law firms, legal aid centers, and/or enterprises and institutions. Candidates shall participate in field investigations related to the field they study or their thesis, to collect data. <p>Requirements for masters are applicable to PhDs .</p>	<p>Teaching practice and legal practice shall be conducted in the second academic year. The teaching practice shall be at least 30 hours; and the legal practice, at least 30 days. On the completion of the practice, a testimonial provided by the corresponding organization and a practice report by the candidate are required. There are no specific requirements about the forms and word limit for the practice report. The testimonial and the practice report are the references for the supervisor to assess the candidate's performance.</p> <p>Masters who have completed social practice can apply for an exemption of social practice for their PhD studies.</p>



<p>Thesis</p>			<p>Masters:</p> <p>The thesis shall manifest the candidate’s abilities in conducting academic research and legal practice. Detailed requirements are as follows:</p> <ol style="list-style-type: none"> 1. The thesis shall adhere to correct political directions; 2. The subject chosen shall be of theoretical and practical value; 3. The thesis shall be well justified and be innovative; 4. The language shall be concise, coherent and logical; 5. The argument shall be supported with sufficient data (generally speaking, foreign documentation is required); 6. The format shall be consistent; 7. The word limit is 30,000-40,000 characters. <p>Schedule:</p> <ol style="list-style-type: none"> 1. The first draft. Masters shall complete and submit to the supervisor a first draft of at least 10,000 characters by October 15th of the second academic year. And an attached bibliography is required. Only after the first draft is approved by the supervisor, is the candidate allowed to conduct social investigation and collect more data. 2. The final draft. Masters shall complete and submit the final thesis by April 1st of the second academic year. Basic requirements: (1) The argument, conclusion and suggestion shall be of great theoretical significance and practical value. (2) The candidate shall have had a good grasp of basic theories and concepts of the field he/she studies. (3) The thesis shall reflect the candidate’s command of skills and strategies for doing research, and ability to engage in scientific research independently. (4) The thesis shall make contributions to the research field and make certain achievements. <p>PhDs:</p> <p>Detailed requirements for the thesis: (1) The argument, conclusion and suggestion shall be of great theoretical significance and practical value. (2) The candidate shall have had a good grasp of basic theories and concepts of the field he/she studies. (3) The thesis shall reflect the candidate’s command of skills and strategies for doing research, and ability to engage in scientific research independently. (4) The thesis shall make contributions to the research field and make certain achievements.</p> <p>Schedule: (1) The first draft. Candidates shall complete the first draft by the end of the fifth semester and submit it to the supervisor for review. (2) The mock viva. The candidate shall develop a thesis with 150,000-200,000 characters out of the first draft by the end of the sixth semester and submit it to the supervisor for review. With the</p>
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			supervisor's approval, the candidate shall complete the mock viva by the end of the sixth semester. (4) The final draft. The candidate shall revise the thesis regarding suggestions and advice received in the mock viva and submit the revised final draft by April 1st of the fourth academic year.	
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	《法律的概念》	哈特	2	C
2	《法律帝国》	德沃金	2	C
3	《法律的经济分析》	波斯纳	2	O
4	《现代社会中的法律》	昂格尔	2	O
5	《自由四论》	柏林	2	O
6	《初审法庭》	弗兰克	2	O
7	《联邦党人文集》	汉密尔顿等	2	O
8	《哲学解释学》	加达默尔	2	C
9	《法与国家的一般理论》	凯尔森	2	C
10	《中国法律与中国社会》	瞿同祖	2	C
11	《中国法制史》(法律硕士[J M]联合教材)	郭建等	2	C
12	《日本学者研究中国史论著选译》第 8 卷·法律制度	刘俊文主编	2	C
13	《中国法制史考证》	杨一凡总主编	2	O
14	《中国法制通史》10 卷本	张晋藩总主编	2	O
15	《法学研究》法史论文	中国社科院法学所主办	2	C
16	《法制史研究》(第 1-24 期)	台湾中国法制史学会主编	2	O
17	《中西法律传统》(第 1-8 卷)	中南财经政法大学法律史研究院主编	2	O
18	《中国古代法律文献研究》(第 1-7 辑)	徐世虹(主编)	2	O
19	《法制史研究》(第 1-63 期)	日本法制史学会	2	O
20	《法与国家的一般理论》	凯尔森	2	C
21	《宪法》(第三版)	芦部信喜	2	C
22	《日本行政法入门》	藤田宙靖	2	C
23	《行政法》	南博方	2	C



24	《行政法总论》	盐野宏	2	O
25	《行政法要义》	李惠宗	2	O
26	《联邦德国宪法纲要》	黑塞	2	O
27	The Dynamic Constitution	Richard H. Fallon Jr.	2	O
28	A Theory of Constitutional Rights	Robert Alexy	2	O
29	《刑法学》第四版	张明楷	2	C
30	《外国刑法纲要》第二版	张明楷	2	C
31	《刑法分则的解释原理》	张明楷	2	O
32	《刑法讲义总论、各论》	大谷实	2	O
33	《刑法概说总论、分论》	大塚仁	2	C
34	《德国刑法学 总论》	罗克辛,王世洲等译	2	C
35	《刑事法评论》	陈兴良主编	2	C
36	《论犯罪与刑罚》	贝卡利亚	2	C
37	《当代刑法思潮》	许玉秀	2	C
38	《近代西方刑法学说史》	马克昌主编	2	C
39	《民法哲学》	徐国栋	2	C
40	《裁判的方法》(第2版)	梁慧星	2	C
41	《德国民法通论》(上下册)	卡尔·拉伦茨	2	C
42	《现代公司与私有财产》	【美】阿道夫.A.伯利、加德纳.C.米恩斯著	2	C
43	《公司治理原则:分析与建议(上)、(下)》	【美】美国法律研究院,楼建波等译	2	C (original edition is suggested)
44	《中国婚姻家庭法立法研究》(第二版)	陈苇主编	2	C
45	《德国国家法》	迪特尔·施瓦布,王葆蔚译	2	C
46	《保险法基础理论》	江朝国	2	O
47	《海商法论》	傅廷中	2	O
48	《迈向社会和谐纠纷解决》	徐昕	2	O
49	《证明责任论》	[德]罗森贝克	2	C
50	《法院:比较法上和政治学上的分析》	[美]马丁·夏皮罗	2	O
51	《比较法视野中的证据制度》	[美]米尔吉安·R.达马斯卡	2	O



52	《转变中的法律与社会：迈向回应型法》	[美]P.诺内特、P.塞尔兹尼克	2	O
53	《法理学——法律哲学与法律方法》	[美]E.博登海默	2	C
54	《司法能动主义——自由的保障还是安全的威胁》	[美]克里斯托夫·沃尔夫	2	O
55	《诉讼认识论纲——以司法裁判中的事实认定为中心》	吴宏耀	2	C
56	《诉讼法学 司法制度》	人民大学	2	C
57	《证据学论坛》	何家弘主编	2	O
58	《经济法基础理论》(法律出版社 2008 年)	漆多俊	2	C
59	《经济法——国家干预经济的基本法律形式》(四川人民出版社 1995 年)	李昌麒	2	C
60	《经济法概论》(中国法制出版社 2005 年版)	[日]金泽良雄	2	C
61	《经济公法》(法律出版社 2006 年版)	[德]施利斯基	2	C
62	《法律的经济分析》(中国大百科全书出版社 1997 年版)	[美]波斯纳	2	O
63	《经济学》(第 17 版, 人民邮电出版社 2004 年版)	[美]保罗·萨缪尔森、威廉·诺德豪斯	2	O(2,8,9,10,11,17,20,26,28,33 chapter)
64	《规制及其改革》(北京大学出版社 2008 年版)	[美]史蒂芬·布雷耶	2	O
65	《经济法论丛》(法律出版社)	漆多俊主编	2	O
66	《经济法学评论》(中国法制出版社)	史际春主编	2	O
67	《经济法研究》(北京大学出版社)	张守文/杨紫烜主编	2	O
68	《环境保护法教程》(第 6 版, 法律出版社 2011 年版)	韩德培主编	2	C
69	《环境政策与法律》(第 2 版, 元照出版公司 2010 年版)	叶俊荣著	2	C
70	《环境法学》(法律出版社 2008 版)	吕忠梅著	2	C
71	《国际环境法》(人民出版社 2011 年修订版)	林灿铃著	2	C
72	《国际环境法》(第 2 版, 法律出版社 2005 年版)	王曦编著	2	C
73	《国际法与环境》(第 2 版, 高等教育出版社 2007 年版)	那力等译	2	O
74	《国际环境法》(张若斯译, 法律出版社 2000 年版)	[法]亚历山大·基斯著	2	O
75	《美国环境法概论》(武汉大学出版社 1992 年版)	王曦著	2	O



76	《环境资源法论丛》(法律出版社系列出版)	吕忠梅主编	2	O
77	《中国环境法学评论》(科学出版社系列出版)	徐祥民主编	2	O
78	《国际税法》(高等教育出版社 2008 年版)	廖益新主编	2	C
79	《税法总论》(第 1 册增订三版, 台湾植根法学丛书编辑室 2012 年第 3 版)	黄茂荣著	2	C
80	《行政程序与纳税人基本权》(台湾翰芦出版公司 2012 年第 3 版)	葛克昌著	2	C
81	《税法原论》(陈刚等译, 中国检察出版社 2001 年版)	[日]北野弘久著	2	C
82	《日本税法》(战宪斌等译, 法律出版社 2004 年版)	[日]金子宏著	2	C
83	《税法基础理论》(北京大学出版社 2004 年版)	刘剑文、熊伟著	2	C
84	《税法与私法关系总论》(法律出版社 2014 年版)	李刚著	2	O
85	《比较税法》(丁一译, 北京大学出版社 2006 年版)	[美]维克多·瑟仁伊著	2	O
86	《财税法论丛》(法律出版社系列出版)	刘剑文主编	2	O
87	《税法解释与判例评注》(法律出版社系列出版)	熊伟主编	2	O
88	《税务研究》	国家税务总局	2	O
89	《国际税收》	国家税务总局	2	O
90	《奥本海国际法》	詹宁斯、瓦茨修订, 王铁崖等译	2	C
91	International economic law	Andreas F. Lowenfeld	2	C
92	Principles of Public International Law	I. Brownlie	2	C
93	International law	Malcolm N. Shaw	2	C
94	Cases and materials on international law	David Harris	2	C
95	陈安论国际经济法学	陈安	2	C
96	国际经济法学新论	陈安	2	C
97	国际经济法学刊	陈安	2	C
98	戴西和莫里斯论冲突法	J. H. C, 莫里斯, 李 双元等译	2	C
99	国际私法	马丁·沃尔夫著, 李浩 培、汤宗舜译	2	C
100	《知识产权法》	刘春田	2	O



101	《著作权法》	李明德	2	O
102	《TRIPS 体制下的专利强制许可制度研究》	林秀芹	2	O
103	《促进技术创新的法律机制研究》	林秀芹	2	O
104	《知识产权法》	丁丽瑛	2	O
105	《知识产权管理》	曾德国、乔永忠	2	O
106	《海洋法相关公约及中英文索引》厦大出版社 (2005)	傅崐成编译	2	O
107	《海洋法专题研究》厦大出版社(2004)	傅崐成	2	O
108	《Law of the Sea in a Nutshell》Thomason Reuters,2010	LouisB.Sohn 等	2	O
109	《The Law of the Sea(third edition)》Manchester University Press,1999.	R.R.Churchill and A.V.Lowe	2	O
110	《A Handbook on the new Law of the Sea, Part III: The international seabed Area. 》The Hague: MartinusNijhoff Publishers, 1991,	Dupuy, R. J. and D. Vignes	2	O
111	《Sea-bed energy and minerals: the international legal regime, vol. 2》The Hague: MartinusNijhoff Publishers, 2001.Sea-bed mining.	Brown, E.D.	2	O
112	《Africa and the Deep Seabed Regime: Politics and International Law of the Common Heritage of Mankind》Heidelberg: Springer, 2011	Egede, Edwin	2	O
113	《美国合同法精义》厦大出版社(2008)	傅崐成	2	O
114	《中国海洋法学评论》	傅崐成主编	2	O

Evaluation ways: 1. Course assessment: covering the designated literature in examinations;

2. Part of the thesis proposal report or comprehensive examination;

3. Reading report;

4. Others specific ways.



Graduate Program for Politics

School	School of Public Affairs	Student Type	Master & PhD				
Discipline	Politics	Discipline Code	0302				
Subject included	Political theory(030201); Chinese and Foreign Political Institution(030202);Scientific socialism and the international communist movement(030203); History of the Communist Party of China(030204);International Politics(030206); International Relations(030207)						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit	Master ≥ 31 credits: ≥ 29 credits for courses, <u>2</u> credits for other academic sections.						
Requirements	PhD ≥ 16 credits: ≥ 13 credits for courses, <u>3</u> credits for other academic sections.						
Program Objectives	<p>Masters are supposed to:</p> <ol style="list-style-type: none"> 1. have a good grasp of basic theories and concepts; 2. be of the ability to do researches or solve practical problems; 3. be of the ability to conduct research or academic exchanges in at least one foreign language. <p>PhDs are supposed to:</p> <ol style="list-style-type: none"> 1. have a systematic grasp of basic theories and concepts; 2. be of the ability to do research independently and innovatively; 3. be equipped with an international vision and the ability to participate in international academic exchanges. 						
Requirements of Research Ability and Other Aspects	<p>1. Requirements on individual quality:</p> <p>Candidates are required to (1) have a good grasp of basic theories and concepts of Politics; (2) have a lively interest in the field they study; (3) have a good command of the knowledge of a certain field, and skills and strategies needed to do research; (4) be of the ability to apply theories to reality; and (5) abide by academic norms.</p> <p>2. Requirements on research ability:</p> <p>Candidates are expected to (1) be fully aware of the basic theories and concepts, and methodologies of the chosen field; (2) be of the ability to deal with frontier issues of their chosen field; and (3) complete the thesis research design.</p>						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u>	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA/SP	C	O	



credits, PhD <u>2</u> credits	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA/SP	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
Compulsory Courses: Master <u>≥ 19</u> credits, PhD <u>≥ 9</u> credits	040010018	Research frontiers of Public affairs	3			C	
	040110121	Contemporary Western Political Theory	3			C	
	040110122	Analysis of contemporary China politics	3			C	
	040010013	Quantitative research method	2	SP	C		
	040010213	Social statistics	2	SP	C		
	040110114	Special topics on western political thought	3	FA	C		
	040110115	Lectures on Chinese political thought	3	FA	C		
	040010011	Research frontiers of politics and public administration	3	FA	C		
	040110116	Comparative Political system	3	SP	C		
040110117	History and theory of international politics	3	SP	C			
Optional Courses	040120131	Budgets politics				O	
	040120132	State theory				O	
	040120019	Government reform and Governance				O	
	040120133	Political philosophy			O		
	040120134	State theory			O		
	040120135	Comparative politics			O		
	040120136	Urban politics			O		
	040120137	Local government in the unite states			O		
	040120138	Political culture			O		
	040120139	New political economics			O		
	040120140	Public economics			O		
040120141	Tax politics			O			



	040120143	Budget politics			O		
	040120144	Studies of contemporary china's politics			O		
	040120145	Local politics and governance in china			O		
	040120146	Political communication			O		
	040120147	International Political Economy			O		
	040120148	Studies of china's foreign policy			O		
	040120149	Globalization and Socialism			O		
	040120150	Modern socialism			O		
	040120151	History of socialism			O		
	040120152	Middle eastern studies			O		
	040120153	International relation theory classical reading			O		
Other requirements	Courses completed during the master studies can be exempted in the doctoral studies. Optional courses for masters are open to masters under other programs and undergraduates of senior grades.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	1	Candidates are required to attend at least 20 academic lectures and/or reports.	Masters and PhDs in the first and second academic years shall submit five 800-character (minimum) reports.			
Mid-term Assessment	C for PhDs	1	Mid-term examination on books from the reading list (20 compulsory books, and 35 books on the selected-reading list)	In the second semester of the second academic year.			
Literature Review and Research Report	C		PhDs shall complete a literature review with more than 30,000-35,000 characters; Masters shall complete a literature review with more than 15,000-20,000 characters.	In the second semester of the second academic year.			
Thesis Proposal	C		After the literature review is examined and approved, candidates shall take the thesis proposal examination.	It is held in the second semester of the second academic year.			
Social Practice	C	1		Candidates shall submit a research report or a practice report on the			



				completion of the social practice.
Teaching Practice	C for PhDs	0	PhDs shall conduct teaching practice for at least 4 weeks, 2 hours per week.	It shall be conducted in the third academic year.
Inter-Campus Communication and Exchange		0	Candidates are encouraged to study abroad or participate in academic communications and exchanges in other campuses.	
Thesis	<p>For PhDs, usually 3 years shall be allocated for the thesis writing, and for masters, usually 1 year. (1) The thesis proposal. The candidate shall select a subject of great significance to China's social and economic development under the guidance of the supervisor. The thesis proposal shall be examined and approved by the supervisor team. (2) Intermediate Reports. During the process of thesis writing, candidates shall report to the supervisor at least twice. On the completion of the first draft, a mock viva shall be organized in which advice and suggestions for improvement shall be provided to the candidate for thesis revision. (3) Requirements on publications. Prior to the thesis defense, the PhD candidate shall have published 1 academic paper in the top journals or the first-class core journals, or 3 papers in the second-class core journals. 1 of the 3 papers can be replaced with a monograph, a textbook, or a translation of an academic book related to the research field (parts completed by the candidate, for a monograph, shall be of at least 30,000 characters and, for a text book or an academic book, at least 50,000 characters). All the journals mentioned above do not include supplements, special issues or albums. Prior to the thesis proposal, masters are required to have published at least 1 paper, or have conducted some research investigations and made some academic achievements. (4) The requirement on the academic level of the thesis. The thesis shall be original and innovative. (5) The thesis review and defense. The thesis shall go through double blind review before the thesis defense. The thesis defense committee shall be composed of experts inside and outside of the campus excluding the candidate's supervisor.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: reference should be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways.</p>				



Graduate Program for Public Administration

School	School of Public Affairs	Student Type	Master & PhD				
Discipline	Public Administration	Discipline Code	1204				
Subject included	Public Administration(120401); Social Medicine and Health Service Management(120402); Educational Economics and Management(120403); Social Security(120404); Land Resources Management(120405); Public Policy(120420)						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit Requirements	Master ≥ 30 credits: ≥ 27 credits for courses, 2 credits for other academic sections.						
	PhD ≥ 13 credits: ≥ 10 credits for courses, 3 credits for other academic sections.						
Program Objectives	To cultivate high-quality professional talents with basic theories and concepts of public administration and eligible for working in scientific research institutions, colleges and universities, Party schools, schools of administration, and public sectors (especially Party and government organs, and public institutions).						
Requirements of Research Ability and Other Aspects	<p>Candidates are required to:</p> <ol style="list-style-type: none"> 1. be equipped with high comprehensive quality, and basic theories and concepts of the chosen field, and be proficient in analyzing and solving problems with knowledge mastered; 2. be equipped with innovative thinking, and make innovative and advanced academic achievements; 3. be equipped with scientific methodologies for research, and be of the ability to systematically describe, deeply analyze, and scientifically summarize a problem, and make generalizations; 4. have a good mastery of at least one foreign language. <p>Evaluation criteria:</p> <ol style="list-style-type: none"> 1. participation in his/her supervisor's projects as an official member; 2. publications meeting the requirements for postgraduates' thesis. 						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA\SP	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA\SP	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP			



Compulsory Courses: Master \geq 8 credits, PhD \geq 6 credits	040010011	Latest Developments in Politics and Public Administration	3	FA	C		All master candidates
	040010012	Policy Sciences Research	2	FA	C		All master candidates
	040010013	Quantitative Research Methods	3	SP	C		All master candidates
	040220014	Performance Management in Public Sector	3	SP	C		Master candidates of Public Administration, Social Security and Public Policy
	040220015	Public Economics Research	3	FA	C		Master candidates of Public Administration, Social Security and Public Policy
	040220016	Social Security Theory and Practice	3	SP	C		Master candidates of Social Security, Social Medicine and Health Service Management
	040220017	Public Health Research	3	FA	C	C	PhD & Master candidates of Social Security, Social Medicine and Health Service Marketing
	040010018	Latest Developments in Public Affairs	3	FA		C	All PhD candidates
	040210022	Government Reforms and Governance	3	SP		C	All PhD candidates
	040220023	Public Policy Analysis	3	SP		C	PhD candidates of Public Administration and Public Policy



	040220024	Government Performance Management	3	FA		C	PhD candidates of Public Administration
	040220025	Government Regulation Research	3	FA		C	PhD candidates of Public Administration and Public Policy
	040220026	Latest Developments in Social Security	3	FA		C	PhD candidates of Social Security
Optional Courses	040220031	Policy Experiment and Statistics Analysis	2	SP	O	O	
	040220032	Public Organization and Management	2	FA	O	O	
	040220033	Chinese Government and Politics	2	SP	O	O	
	040220034	Government Comparison and Development	2	SP	O	O	
	040220035	Public Utilities Management	2	SP	O	O	
	040220036	Public Sector Strategic Management	2	SP	O	O	
	040220037	Public Administrative Ethics	2	FA	O	O	
	040220038	Feminism and Public Administration	2	SP	O	O	
	040220039	Administrative Law	2	FA	O	O	
	040220040	Governmental Relations	2	FA	O	O	
	040220041	Human Resources Strategy and Policy	2	FA	O	O	
	040220043	Public Sector Human Resources Management	2	SP	O	O	
	040220044	Civil Service System	2	SP	O	O	
	040220045	Chinese Public Policy	2	FA	O	O	
	040220046	Public Service Management	2	FA	O	O	
	040220047	Welfare Economics	2	SP	O	O	
040220048	Public Finance and Budgeting	2	SP	O	O		



	040220049	Non-profit Organization Management	2	FA	O	O	
	040220050	Social Security Fund Management	2	SP	O	O	
	040220051	Social Insurance Actuarial	2	SP	O	O	
	040220052	International Comparison of Social Security	2	FA	O	O	
	040220053	Social Governance and Policy	2	FA	O	O	
	040220054	Regional Development Strategy and Policy	2	SP	O	O	
	040220055	Environmental Governance and Policy	2	FA	O	O	
	040220056	Regulation Policy	2	SP	O	O	
	040220057	Land and Housing Policy	2	SP	O	O	
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements			Evaluation (Ways and time)	
Academic Lectures	C	1	Candidates are required to attend at least 20 academic lectures and/or reports.			Masters and PhDs in the first and second academic years shall submit five 800-character (minimum) reports.	
Mid-term Assessment	C for PhDs	1	Mid-term examination on books from the reading list (20 compulsory books, and 35 books on the selected-reading list)			It is held in the second semester of the second academic year.	
Literature Review and Research Report	C		PhDs shall complete a literature review with more than 30,000-35,000 characters; Masters shall complete a literature review with more than 15,000-20,000 characters.			It is held in the second semester of the second academic year.	
Thesis Proposal	C		After the literature review is examined and approved, candidates shall take the thesis proposal examination.			It is held in the second semester of the second academic year.	
Social Practice	C	1	It is compulsory for masters.			Candidates shall submit a research	



				report or a practice report on the completion of the social practice.
Teaching Practice	C for PhDs	0	PhDs shall conduct teaching practice for at least 4 weeks, 2 hours per week.	It shall be conducted in the third academic year.
Inter-Campus Communication and Exchange		0	PhDs and masters are encouraged to study abroad or participate in academic communications and exchanges in other campuses.	
Thesis	<p>For PhDs, usually 3 years shall be allocated for the thesis writing, and for masters, usually 1 year. (1) The thesis proposal. The candidate shall select a subject of great significance to China's social and economic development under the guidance of the supervisor. The thesis proposal shall be examined and approved by the supervisor team. (2) Intermediate Reports. During the process of thesis writing, candidates shall report to the supervisor at least twice. On the completion of the first draft, a mock viva shall be organized in which advice and suggestions for improvement shall be provided to the candidate for thesis revision. (3) Requirements on publications. Prior to the thesis defense, the PhD candidate shall have published 1 academic paper in the top journals or the first-class core journals, or 3 papers in the second-class core journals. 1 of the 3 papers can be replaced with a monograph, a textbook, or a translation of an academic book related to the research field (parts completed by the candidate, for a monograph, shall be of at least 30,000 characters and, for a text book or an academic book, at least 50,000 characters). All the journals mentioned above do not include supplements, special issues or albums. Prior to the thesis proposal, masters are required to have published at least 1 paper, or have conducted some research investigations and made some academic achievements. (4) The requirement on the academic level of the thesis. The thesis shall be original and innovative. (5) The thesis review and defense. The thesis shall go through double blind review before the thesis defense. The thesis defense committee shall be composed of experts inside and outside of the campus excluding the candidate's supervisor..</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	《公共管理导论》(第三版) 北京: 中国人民大学出版社, 2007.	[澳] 欧文·E·休斯著	Examination	C
2	《公共组织理论》 北京: 中国人民大学出版社, 2003.	[美] 罗伯特·B·登哈特著	Examination	C
3	《美国公共行政思想的危机》 上海三联书店, 1999.	[美] V·奥斯特罗姆著	Examination	C
4	《公共行政的精神》 北京: 中国人民大学出版社, 2003.	[美] 乔治·弗雷德里克森著	Examination	C
5	《比较公共行政》 北京: 中国人民大学出版社, 2007.	[美] 费勒尔·海迪著	Examination	C



6	《公共事物的治理之道》 上海：上海三联书店，2000.	[美]埃利诺·奥斯特罗姆著	Examination	C
7	《后现代公共行政》 北京：中国人民大学出版社，2002.	[美]查斯福克斯、休米勒著	Examination	C
8	《公共行政的社会建构》 北京：北京大学出版社，2008.	[美]全钟燮著	Examination	C
9	《公共管理改革：比较分析》 上海：上海译文出版社，2003.	[英]克里斯托弗·波利特等著	Examination	C
10	《新公共管理》 北京：中国青年出版社，2004.	[英]简·莱恩著	Examination	C
11	《民营化与公私部门伙伴关系》 北京：中国人民大学出版社，2002.	[美]E.S.萨瓦斯著	Examination	C
12	《大转型：我们时代的政治与经济起源》 杭州：浙江人民出版社，2007.	[英]卡尔·波兰尼著	Examination	C
13	《改革政府：企业精神如何改革着公共部门》 上海：上海译文出版社，1996.	[美]戴维·奥斯本、特德盖布勒著	Examination	C
14	《分散化公共治理》 北京：中信出版社，2004.	经济合作与发展组织编	Examination	C
15	《公共服务提供》 北京：清华大学出版社，2009.	[美]安瓦·沙主编	Examination	C
16	《公共行政研究》 北京：清华大学出版社，2005	[美]杰伊·D·怀特等著	Examination	C
17	《公共决策中的公民参与》、北京：中国人民大学出版社，2005.	[美]约翰·克莱顿·托马斯著	Examination	C
18	《工业国家的地方治理》 北京：清华大学出版社，2010.	[美]安瓦·沙主编	Examination	C
19	《治理中国：从革命到改革》 北京：中国社会科学出版社，2010.	[美]李侃如著	Examination	C
20	Creating Public Value: Strategic Marketing in Government. Cambridge: Harvard University Press,1995.	Mark H. Moore	Examination	C
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on the thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways.</p>				



Graduate Program for Sociology

School	School of Public Affairs	Student Type	Master & PhD				
Discipline	Sociology	Discipline Code	0303				
Subject included	Sociology (030301);Demography (030302)						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit Requirements	Master ≥ 31 credits: ≥ 28 credits for courses, 3 credits for other academic sections.						
	PhD ≥ 16 credits: ≥ 12 credits for courses, 4 credits for other academic sections.						
Program Objectives	To cultivate high-quality professional talents with basic theories and concepts of sociology and eligible for working in colleges and universities, scientific research institutions, party and government offices, and enterprises and institutions.						
Requirements of Research Ability and Other Aspects	<p>Basic requirements for research ability:</p> <ol style="list-style-type: none"> 1. To be equipped with high comprehensive quality, and basic theories and concepts of the chosen field, and be proficient in analyzing and solving problems with knowledge mastered; 2. To be equipped with innovative thinking, and make innovative and advanced academic achievements; 3. To be equipped with scientific methodologies for research, and be of the ability to systematically describe, deeply analyze, and scientifically summarize a problem, and make generalizations; 4. to have a good mastery of at least one foreign language. 						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master 4 credits, PhD 2 credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA/ SP	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	2	FA/SP	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP			
Compulsory Courses: Master ≥ 15 credits, PhD ≥ 3 credits	040010013	Quantitative Research Methods	3	FA	C	O	
	040310212	Qualitative Research Methods	3	SP	C	O	
	040010213	Social Statistics	3	FA	C	O	
	040320214	Sociological Theory	3	SP	C	O	
	040310221	Symposium of Social Research Methods	2	FA	O	C	
	040320222	Sociological Theory frontier	2	FA	O	C	
Optional	040330231	Social Policy Research	2	SP	O	O	



Courses	040330232	Demographic Sociology	2	FA	O		
	040330233	Sociology of Environment	2	SP	O		
	040330234	Theory of Social Work	2	FA	O	O	
	040330235	Economic Sociology	2	SP	O	O	
	040330236	Political Sociology	2	FA	O	O	
	040330237	Rural sociology	2	SP		O	
	040330238	Sociology of Culture	2	FA		O	
	040330239	Sociology of Immigration	2	SP	O		
	040330240	The Economics of Population	2	FA	O		
	040330241	Hierarchical Linear Models	2	FA	O		
	040330242	Research Methods of Community	2	FA	O		
	040330243	Urban Sociology	2	FA	O		
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Social Research Workshop	C	1	Candidates are required to participate in the social work workshop for at least 15 times, and at least one time present a report on their research progress.	The assessment is in the final semester.			
Academic Lectures	C	1	Candidates are required to attend at least 20 academic lectures and/or reports.	The assessment is in the final semester.			
Mid-term Assessment and Qualifying Examination	C for PhDs	1	<p>1. The assessment aims to examine PhDs' grasp of basic theories and relevant literature. The candidate is required to submit a literature review article (30,000 characters as the minimum). The title is assigned by the supervisor relating to the candidate's research area. The candidate is required to complete the article within 3-5 days. The article shall be submitted to the assessment committee for review. Oral examination shall be organized by the department.</p> <p>2. Candidates who fail are not allowed to proceed to thesis writing. Candidates who fail are allowed to re-apply for the assessment half year later.</p> <p>3. Candidates who fail the second time will be shunted.</p>	The assessment is normally held in the FA of the second academic year after candidates have completed all courses required.			
Literature Review and Thesis Proposal			It covers the significance of the chosen subject, the research status quo at home and abroad, methodologies adopted, research design, etc.	It is held in the FA of the second academic year.			



			Candidates are required to present a thesis proposal to the examination committee composed of 3 supervisors. They will assess its feasibility, and decide whether to approve or disapprove the thesis proposal according to candidates' performance during the Q&A process and the significance of the chosen subject.	
Social Practice	C	1	Candidates shall conduct questionnaire investigation or qualitative field investigations related to their thesis writing.	
Teaching Practice			Candidates are expected to work as the teaching assistant and/or host undergraduate seminars.	
Inter-Campus Communication and Exchange			Candidates are encouraged to study or participate in academic communications and exchanges in prestigious colleges and universities at home or abroad.	
Thesis	<p>Masters: The master thesis shall be written with abundant information and data collected in social researches, and with theoretical analysis. It shall keep up with the frontier research outcomes at home and abroad. The thesis shall be innovative. The thesis writing shall abide by academic norms.</p> <p>PhDs: 1. Candidates shall select a frontier subject or a subject closely related to China's social and economic development under the guidance of the supervisor; 2. The thesis shall be completed with data obtained from quantitative and/or qualitative researches; 3. The thesis shall be original.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: reference should be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways.</p>				



Graduate Program for Theory of Marxist

School	School of Marxism	Student Type	Master
Discipline	Theory of Marxist	Discipline Code	0305
Subject included	General Principles of Marxism (030501); Historical Development of Marxism(030502); Sinicization of Marxism(030503) ;Marxism Abroad (030504) ;Ideology and Politics Education (030505) ;Basic Issues in Modern Chinese History(030506);History of the Communist Party of China(030204)		
Length of Study	Master <u>3</u> years		
Credit Requirements	Master ≥ 28 credits: ≥ 26 credits for courses, <u>2</u> credits for other academic sections.		
Program Objectives	After the completion of this program, candidates are expected to (1) have a firm belief in Marxism, and develop morally, intellectually, physically, and aesthetically; (2) have a good command of basic theories and concepts of Marxist theory; (3) be equipped with a right theoretical direction and a good learning attitude; (4) be of the ability to solve problems with the Marxist standpoint, ideas and approaches mastered; (5) have a good grasp of at least one foreign language and be of the ability to read texts and data written in the foreign language; and (6) be qualified for teaching, doing research, and solving practical problems, and be eligible for working in colleges and universities, party and governments offices, enterprises and institutions.		
Requirements of Research Ability and Other Aspects	Candidates are required to: 1. have a systematic and good grasp of basic theories of Marxist theory, and be of the ability to use them to analyze and solve problems; 2. have a good command of research methods, and be of the ability to use them to describe problems systematically, and summarize them scientifically; 3. be proficient in at least one foreign language and be of the ability to read and search for field-related literature in the language; 4. be of innovation and make academic achievements.		
Curriculum (*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)			
Category	Course Code	Course Name	Credit Semester Master Remarks
General Courses: Master <u>4</u> credits	000010201	The First Foreign language	2 FA/SP C
	240010001	Studies in Sinicization of Marxism	1 FA C
	000010103	Marxism and Methodology of Social Science	1 SP C
Compulsory Courses:	240010002	Specialty English	2 SP C
	240010003	Selected Readings in Marxist Classics	3 FA C



Master \geq 11credits	240010004	Topics in Basic Principles of Marxism	3	SP	C	
	240020005	Basic Theories of Ideological and Political Education	3	FA	C	
Optional Courses	240030006	Socialist Economic Theories with Chinese Characteristics	2	FA	O	C for 030501
	240010007	Topics in Principles of Marxist Philosophy	2	SP	O	
	240010008	Topics in the History of Marxism Development	2	FA	O	C for 030501; 030502
	240010009	Topics in Marx's thought	2	FA	O	C for 030502
	240010010	Topics in Frontier Issues in Sinicization of Marxism	2	SP	O	C for 030503
	240030011	Research on Major Issues Concerning China's Development Path	2	SP	O	C for 030503
	240010012	Frontier Issues in Marxism Abroad	2	SP	O	C for 030504
	240010013	Topics in Marxism Abroad	2	FA	O	C for 030504
	240020014	Topics in Ideological and Political Education	2	SP	O	C for 030505
	240020015	Selected Readings in Classics of Ideological and Political Education	2	FA	O	C for 030505
	240020016	Topics in Basic Issues of Modern China History	2	FA	O	C for 030506
	240020017	Theories and Methods of Study in Basic Issues of Modern History of China	2	SP	O	C for 030506
	240020018	Topics in Major Historical Changes of the CPC	2	SP	O	C for 030204
	240020019	Studies in Important Literatures and Frontier Issues of the CCP	2	FA	O	C for 030204
		Summer Semester Course	1-2	SU		
	Cross-disciplinary Course	2	SP/FA			
Other Requirements	None					
Other Academic Sections (C-Compulsory; O-Optional)						
Category	C or O	Credit	Requirements			Evaluation (Ways and time)
Academic Lectures and	C	1	Candidates are required to attend at least 50 academic lectures and/or academic seminars (note: at least 20			In the third semester of the second



Reports			lectures), and to present an academic report at least one time per year in the second and third academic years.	academic year and the first term of the third academic year, the candidate's individual training progress report will be examined.
Mid-term Assessment	C	0	<ol style="list-style-type: none"> 1. Publishing at least one academic paper as the single or first author; or having completed at least one working paper (note: at least one published article is required prior to the thesis defense); 2. Required credits from all courses; 3. Meeting other requirements set by the university. 	<p>It is held in the SP of the second academic year.</p> <p>The assessment covers the academic publication and the comprehensive examination.</p>
Literature Review and Research Report	C	0	<ol style="list-style-type: none"> 1. Candidates shall join the research group led by the supervisor team in the first academic year, so as to acquaint himself/herself with the research work; 2. Candidates shall participate in the research work under the guidance of his/her supervisor, and report to the supervisor team every two weeks; 3. Candidates shall combine theories with practice, and cultivate his/her research ability and the ability to do innovative research. 	It is held in the beginning of the FA of the second academic year. By the time the candidate shall decide on the research area and work out his/her research design under the guidance of the supervisor team.
Thesis Proposal	C	0	<ol style="list-style-type: none"> 1. Candidates shall have a good grasp of relevant literature, and be fully aware of the research front; 2. Candidates shall determine the thesis subject, and submit the outline and/or the first draft; 3. The thesis writing shall be based on researches done in the second academic year. 	It is held in the SP of the second academic year. The supervisor team shall conduct the thesis proposal examination.
Social Practice	C	1	Candidates shall conduct social investigations related to their thesis projects.	Candidates shall submit a practice report in September.
Teaching Practice	O	0	Candidates are encouraged to participate in teaching practice.	
Inter-Campus Communicati	O	0	Candidates are encouraged to participate in inter-campus communication and exchanges.	



on and Exchange				
Thesis	Under the guidance of the supervisor and the supervisor team, the candidate shall accomplish a high-quality thesis with clear viewpoints, innovative achievements, precise expressions, a coherent structure and a standard format.			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	马克思恩格斯全集	中共中央马恩列斯著作编译局	Combined with Literature Review and Thesis Proposal	O
2	马克思恩格斯文集	中共中央马恩列斯著作编译局	Combined with Literature Review and Thesis Proposal	O
3	马克思恩格斯选集	中共中央马恩列斯著作编译局	Combined with Literature Review and Thesis Proposal	O
4	列宁专题文集	中共中央马恩列斯著作编译局	Combined with Literature Review and Thesis Proposal	O
5	毛泽东选集	中共中央文献编辑委员会	Combined with Literature Review and Thesis Proposal	O
6	邓小平文选	中共中央文献编辑委员会	Combined with Literature Review and Thesis Proposal	O
7	中国特色社会主义理论体系学习读本	中共中央宣传部理论局	Combined with Literature Review and Thesis Proposal	O
8	习近平总书记一系列重要讲话	中央有关文件	Combined with Literature Review and Thesis Proposal	O
9	马克思为什么是对的	[英]特里·伊格尔顿	Combined with Literature Review and Thesis Proposal	O
10	当今为什么还要研读马克思	[英]乔纳森·沃尔夫	Combined with Literature Review and Thesis Proposal	O
11	重新理解马克思	俞吾金	Combined with Literature Review and Thesis Proposal	O
12	中国为什么还需要马克思主义	陈学明、黄力之、吴新文	Combined with Literature Review and Thesis Proposal	O
13	马克思主义基本原理研究报告 (2010-2012)	李昆明 主编	Combined with Literature Review and Thesis Proposal	O
14	马克思主义发展史	顾海良 主编	Combined with Literature Review and Thesis Proposal	O
15	中国道路——马克思主义中国化经典文献回眸	中央文献研究室《中国道路》课题组	Combined with Literature Review and Thesis Proposal	O



16	中国梦与中国道路丛书	本书课题组	Combined with Literature Review and Thesis Proposal	O
17	历史与阶级意识	[匈]卢卡奇	Combined with Literature Review and Thesis Proposal	O
18	马克思主义和哲学	[德]卡尔·柯尔施	Combined with Literature Review and Thesis Proposal	O
19	西方马克思主义概论	[加]阿格尔	Combined with Literature Review and Thesis Proposal	O
20	西方马克思主义前沿问题二十讲	陈学明、王凤才	Combined with Literature Review and Thesis Proposal	O
21	现代思想政治教育学	张耀灿	Combined with Literature Review and Thesis Proposal	O
22	比较思想政治教育学	王瑞荪	Combined with Literature Review and Thesis Proposal	O
23	中国近代史 1600-2000, 中国的奋斗	徐中约	Combined with Literature Review and Thesis Proposal	O
24	中共党史文献选编	中共党史出版社	Combined with Literature Review and Thesis Proposal	O
25	中国共产党的七十年	胡绳 主编	Combined with Literature Review and Thesis Proposal	O
26	中国共产党历史	中共中央党史研究室	Combined with Literature Review and Thesis Proposal	O
27	中国共产党建设史	李君如 等	Combined with Literature Review and Thesis Proposal	O
28	中国共产党八十年珍贵档案	中国档案馆	Combined with Literature Review and Thesis Proposal	O
29	六大以前: 党的历史材料	中共中央书记处编	Combined with Literature Review and Thesis Proposal	O
30	六大以来: 党内秘密文件	中共中央书记处编	Combined with Literature Review and Thesis Proposal	O
31	《马克思主义与现实》(期刊)	中央编译局当代马克思主义研究所	Combined with Literature Review and Thesis Proposal	O
32	《马克思主义研究》(期刊)	中国社会科学院马克思主义研究院	Combined with Literature Review and Thesis Proposal	O
33	《科学社会主义》(期刊)	中国科学社会主义学会	Combined with Literature Review and Thesis Proposal	O
34	《当代世界与社会主义》	中共中央编译局世界社会主	Combined with Literature Review and Thesis Proposal	O



	(期刊)	义研究所; 中国国际共产主义运动史学会	Review and Thesis Proposal	
35	《思想理论教育导刊》(期刊)	高等教育出版社	Combined with Literature Review and Thesis Proposal	O
36	《思想教育研究》(期刊)	全国高等学校思想政治教育研究会; 北京科技大学	Combined with Literature Review and Thesis Proposal	O
37	《中共党史研究》(期刊)	中共中央党史研究室	Combined with Literature Review and Thesis Proposal	O
38	《党的文献》(期刊)	中共中央文献研究室	Combined with Literature Review and Thesis Proposal	O
39	《求是》(期刊)	中国共产党中央委员会	Combined with Literature Review and Thesis Proposal	O
40	《中国特色社会主义研究》(期刊)	北京市社会科学界联合会	Combined with Literature Review and Thesis Proposal	O
41	《马克思列宁主义研究》(人大复印资料)(期刊)	中国人民大学书报资料中心	Combined with Literature Review and Thesis Proposal	O
42	《毛泽东思想》(人大复印资料)(期刊)	中国人民大学书报资料中心	Combined with Literature Review and Thesis Proposal	O
43	《中国特色社会主义理论》(人大复印资料)(期刊)	中国人民大学书报资料中心	Combined with Literature Review and Thesis Proposal	O
44	《中国共产党》(人大复印资料)(期刊)	中国人民大学书报资料中心	Combined with Literature Review and Thesis Proposal	O
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Southeast Asian Studies

School	Research School for Southeast Asian Studies	Student Type	Master & PhD				
Discipline	Politics; Economics	Discipline Code	0302; 0201				
Subject included	International Relations(030207); Political Theory (030201); World Economics (0201105); World History (060300); History of China (060200)						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit	Master <u>≥26</u> credits: <u>≥24</u> credits for courses, <u>2</u> credits for other academic sections.						
Requirements	PhD <u>≥12</u> credits: <u>≥10</u> credits for courses, <u>2</u> credits for other academic sections.						
Program Objectives	<p>This program aims to cultivate professional high-quality talents in the field of international relations, world economics, world history, and history of China.</p> <p>For candidates of International Relations, they are expected to (1) have a systematic grasp of the basic theories and concepts of international relations; (2) be fully aware of the practice of international relations and be of the ability to do researches, teaching and practice independently and creatively; and (3) be of the competence to engage in foreign affairs, teaching and research.</p> <p>For candidates of History, they are supposed to (1) have a good command of the history of Sino-foreign relations, the history of China’s overseas immigration, and the history of social relations between China and its overseas Chinese, and the methodologies for doing research in this field.</p> <p>For candidates of World Economics, they are expected to (1) grasp the theories and methodologies of Marxist economics and modern economics; (2) be fully aware of the development of world economy and China’s economy; (3) be well acquainted with hot issues and theory developments of world economy and China’s economy; and (4) be of the ability to use basic theories and methodologies to analyze and solve problems related to world economy and China’s economy.</p>						
Requirements of Research Ability and Other Aspects	<p>Candidates are required to:</p> <ol style="list-style-type: none"> 1. have a systematic and good grasp of basic theories and concepts of the field they study, and the ability to use them to analyze and solve problems; 2. have a good command of research methods, and the ability to use them to describe problems systematically, and summarize them scientifically; 3. be proficient in at least one foreign language, and be able to read and search for field-related literature in the language; 4. have innovative thinking and to achieve innovative academic outcomes. 						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks



General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010201	First Foreign Language	2	FA/SP	C	O	
	000010101	China's Marxism and Contemporary	2	FA		C	
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA/SP	C		
Compulsory Courses: Master \geq <u>12</u> credits, PhD \geq <u>6</u> credits	170030025	Theories and Practices of international relations	3	FA	O	O	C for International Relations
	170030004	International Politics: Theories and Methods	3	SP	O	O	
	170020005	The Study of International Relations	3	FA	O	O	
	170030023	Chinese foreign policy Studies	3	FA	O	O	
	040110121	Contemporary Western Political Theory	3		O	O	
	040110114	Western political thoughts	3	FA	O	O	
	170020021	World Economy	3	FA	O	O	C for candidates of World Economics
	170020014	International Finance Research	3	FA	O	O	
	170020027	Contemporary Asia-Pacific Economy study	3	FA	O	C	
	170030030	International Finance Research	3	SP	O	C	
	170030001	Development Economics	3	FA	O	C	
	050010002	Advanced Macroeconomics(1)	3	FA	O	O	
	010212002	Historiography and Academic Writing	3	SP	O	O	C for candidates of History of China (Master) and World
	170030032	Doctrine and methodology of History of Sino-foreign relation	3	FA	O	O	



	170030019	Selected Readings in masterpieces for history of Sino-foreign relations	3	FA	O	O	History (PhD)
	170030016	The History of Chinese Diaspora	3	FA	O	O	
	010212001	Pro-seminar for Historical Research	3	FA	O	O	
	010212002	Historiography and Academic Writing	3	SP	O	O	
Optional Courses	170030002	International Organizations	2	SP	O		C for candidates of International Relations
	170030012	International Political Economy	2	FA	O		
	170030006	Classic readings of Western International Relations	2	FA	O		
	170010003	Contemporary Political Thoughts in the West	2	SP	O		
	170030031	Migration and National Security	2	SP	O		
	170030018	Ethnic Chinese and International Migration	2	SP	O	O	
	170030024	Advanced Research in International Relations	2	SP	O	O	
	170030007	Dynamics of Diplomacy	2	FA	O		
	170030026	Southeast Asian Economy	2	SP	O		C for candidates of World Economics
	170030013	Economic Data Analysis and Modeling for the Emerging Markets	2	SP	O		
	170030008	Institutional Economics	2	FA	O		
	170030028	Regional Economics	2	SP	O		
	170030029	Asia-Pacific Macroeconomic research	2	SP	O		
	170030022	Economic Globalization and East Asian Economies	2	SP	O	O	
	170030009	Economy of Southeast Asian Ethnic Chinese	2	FA	O		



	170030015	Qiaoxiang Study	2	FA	O		C for candidates of History of China (Master) and World History (PhD)
	170130010	Seminars on Southeast Asian History, Society and Culture	2	SP	O	O	
	170030017	History of Chinese Overseas Trade	2	SP	O		
	170030011	The History of Overseas Chinese in Southeast Asia	2	SP	O	O	
	170030020	The General History of Southeast Asia	2	FA	O		
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements			Evaluation (Ways and time)	
Academic Lectures and Research Report	C	0.5 credit for masters, C for PhDs	Candidates are required to attend at least 10 academic lectures, and/or research reports, and/or seminars; PhDs shall present lectures as keynote speakers for at least one time.			Candidates shall present a relevant report prior to the thesis defense.	
Mid-term Assessment	C	1	Hot issues, and theoretical issues.			It is held in the second academic year.	
Literature Review and Thesis Proposal	C		A clearly-stated research topic and comprehensive literature review are required.			It is held in the FA of the second academic year.	
Social Practice	C	1 credit for PhDs, 0.5 credit for masters	Candidates shall participate in research projects led by the supervisor.			It shall be conducted in the first or the second academic year.	
Teaching Practice			Candidates shall work as the teaching assistant (for either undergraduate courses or postgraduate courses) to the supervisor.			It shall be conducted in the first or the second academic year.	
Inter-Campus Communication and Exchange			Candidates shall conduct short-term field investigation or participate in academic exchanges.			It shall be conducted in the second or the third academic year.	



Thesis	The chosen subject shall be of theoretical and practical significance; the literature review shall be comprehensive and systematic; the thesis shall be well justified; the thesis writing shall meet academic norms; the thesis shall be innovative in related fields.			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	《世界经济学——理论与方法》，上海财经大学出版社 2006 年	张幼文		C
2	《国际金融》，人民出版社，1999 年版	钱荣坤		C
3	《对外直接投资比较优势研究》	程惠芳		C
4	《利用外资与中国经济增长》 人民出版社 2001 年	赵晋平		C
5	《新制度经济学》，立信会计出版社 2006	国彦兵		C
6	《中外文化交流史》	周一良		C
7	《中外关系历史研究》	韩振华		C
8	《中国南洋交通史》	冯承钧		C
9	《中国的海外移民——一项国际迁移的历史研究》	朱国宏		C
10	《东南亚华侨通史》	吴凤斌		C
11	《南洋华侨与闽粤社会》	陈达		C
12	《跨国网络与华南侨乡文化、认同和社会变迁》	陈志敏		C
13	《华侨华人与中国关系》	庄国土		C
14	《东南亚华侨华人经济简史》	郭梁		C
15	《中国古代海外贸易史》	李金明、廖大珂		C
16	《东南亚史》(上下册)	霍尔		C
17	History, culture and region in Southeast Asian perspective	Wolters.O.W		C
18	《中国与东南亚关系史研究》	韩振华		C
19	《当代东南亚国际关系》，世界知识出版社，2000。	马晋强		C
20	《当代西方国际关系理论》，复旦大学出版社，2001。	倪世雄等		C
21	《争论中的国际关系理论》，世界知识出版社，2003 年。	J·多尔蒂、R·普法尔茨格拉夫		C
22	《国际政治学理论》，北京大学出版社，2000 年。	梁守德、洪银娴		C
23	《国际政治理论》，中国人民公安大学出版社，1990 年	肯尼斯·N·沃尔滋		C
24	《国际关系研究实用方法》，人民出版社，2001 年。	阎学通、孙学峰		C
25	《国际政治理论》，中国人民公安大学出版社，1990 年	肯尼斯·N·沃尔滋		C



26	《东南亚蓝皮书——东南亚地区发展报告》，社会科学文献出版社	王勤主编		C
27	《东盟国际竞争力研究》，中国经济出版社 2007年	王勤		C
28	《国际关系研究实用方法》，人民出版社，2001年。	阎学通、孙学峰		O
29	《南洋问题研究》	南洋研究院		O
30	《国际问题研究》	国际问题研究所		O
31	Perceptions of the Past in Southeast Asia	Anthony Reid		O
32	Ghosts of the Past in Southern Thailand	Patrick Jory		O
33	Islam and Society in Southeast Asia	Taufik Abdulla, Sharon Siddique		O
34	The myths of the lazy native	S.H.Alatas,		O
35	Pasyon and revolution: popular movement in the Philippines 1840-1910	R. C. Iletto		O
36	《历史研究》(期刊)			
37	《华侨华人历史研究》(期刊)			
38	《世界历史》(期刊)			
39	《南洋问题研究》(期刊)			
40	《史学》(期刊)			
41	《文史哲》(期刊)			
42	Journal of Southeast Asia (期刊)			
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Taiwan Research

School	Taiwan Research Institute		Student Type	Master & PhD			
Discipline	Applied Economics; Politics; Chinese Language and Literature; History of China		Discipline Code	0202; 0302; 0501; 0602; 0301; 0401			
Subject included	Regional Economics (020202); Political Theory (030201); Political Institution (030202); International Relations (030207); Chinese Modern and Contemporary Literature (050106); History of Particular Subjects (060204); Modern and Contemporary History of China (060206)						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit Requirements	Master ≥ 28 credits: ≥ 26 credits for courses, ≥ 2 credits for other academic sections.						
	PhD ≥ 12 credits: ≥ 10 credits for courses, ≥ 2 credits for other academic sections.						
Program Objectives	<p>Master:</p> <p>After the completion of this program, masters are expected to be professional talents featuring an all-around development of morality, intelligence, and physique. They are supposed to be equipped with basic theories and concepts of the field, and to be fully aware of the history, the status quo, the trend, and the existing issues of cross-straits relations.</p> <p>PhD:</p> <p>After the completion of this program, candidates are expected to be high-quality professional talents featuring an all-around development of morality, intelligence, and physique. They are supposed to be equipped with basic theories and concepts of the field they study, and to be fully aware of the history, the status quo, the trend, and the existing issues of cross-straits relations. They are also expected to be equipped with the ability to do Taiwan research creatively with mastered theoretical knowledge and methodologies, or to handle practical issues in related positions so as to push forward its practical innovation.</p>						
Requirements of Research Ability and Other Aspects	<p>Masters are required to be of the ability to apply basic theories and methods of social science to analyze and do research on existing cross-straits issues, and of the ability to read literature written in at least one foreign language and engage in academic communication in the foreign language.</p> <p>PhDs are required to (1) have a good command and a correct comprehension of relevant theories and methodologies of Taiwan research; (2) be acquainted with the development of the field they study at home and abroad; (3) be of the ability to find problems, generalize phenomena, and conduct theoretical deduction; (4) do well in searching for literature and analyzing data; (5) be proficient in writing academic papers and conducting academic communications in at least one foreign language.</p>						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks



General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA/SP	C	O	
	000010102	Study on the theory and practice of socialism Chinese characteristics	1	FA	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
Compulsory Courses: Master ≥ 9 credits, PhD ≥ 3 credits (PhDs in Economics ≥ 9 credits)	050010003	Advanced Microeconomics (1)	3	1st (FA)	C	C	Applicable to candidates in Division of Economics
	050010002	Advanced Macroeconomics(1)	3	1st (FA)	C	C	Applicable to candidates in Division of Economics
	050010001	Advanced Econometrics(1)	3	1st (FA)	C	C	Applicable to candidates in Division of Economics
	180010004	Contemporary Western political theory	3	FA	C		Applicable to candidates in Division of Politics Study
	0406Z0008	Social Research Methods	3	FA	C	C	Applicable to candidates in Division of Politics Study
	180010006	Studies on Western Political Institutions	3	SP	C		Applicable to candidates in Division of Politics Study
	010110003	Research Methodology and Thesis Writing	3	SP	C		Applicable to candidates in Division of Literature
	010110004	Special Subject of Chinese of Chinese modern Literature research	2	FA	C		Applicable to candidates in Division of Literature



	180030016	Literary history of Chinese Modern and Contemporary Literature	2	SP	C	C	Applicable to candidates in Division of Literature
	010212002	Historiography and Academic Writing	3	SP	C		Applicable to candidates in Division of History
	010222026	Textual Analysis and Field Work	3	FA	C		Applicable to candidates in Division of History
	010232024	Space and history	3	FA	C		Applicable to candidates in Division of History
	010212001	Pro-seminar for Historical Research	3	FA		C	Applicable to candidates in Division of History
Optional Courses: Master \geq <u>13</u> credits, PhD \geq <u>5</u> credits (Master in Economics \geq <u>17</u> credits, PhD in Economics \geq <u>13</u> credits)	180020003	International Economics	2	1st (FA)	C	C	Applicable to candidates in Division of Economics
	180020001	Regional Economics	2	1st (SP)	C	C	Applicable to candidates in Division of Economics
	180020002	Development Economics	2	1st (SP)	C		Applicable to candidates in Division of Economics
	180030001	Taiwan Economy Research	2	1st (SP)	C	C	Applicable to candidates in Division of Economics
	180030002	Cross-strait Economic Relations Research	2	1st (SP)	C	C	Applicable to candidates in Division of Economics
	180030003	International Trade Theory and Cross-strait Trade Study	2	1st (SP)			



180030004	International Investment and the Cross-strait Investment Development	2	2nd (FA)			
180030005	International Finance and the Cross-strait Financial Development	2	2nd (FA)			
180030006	The theory of the industry economics and industry cooperation across the Taiwan Strait	2	2nd (FA)			
180030007	Regional Integration Theory and Cross-strait Economic Integration Study	2	2nd (FA)			
180020004	The Economy and the Regional cooperation in Asia-Pacific Area	2	2nd (FA)			
180020005	The Methodology of Social Survey	2	2nd (FA)			
180020006	The Methodology of Economic Study and Paper Writing	2	2nd (FA)			
180020007	Statistical Software Application	1	1st (SU)			
180030008	An Introduction to Taiwan Politics	2	FA	C		Applicable to candidates in Division of Politics Study
180030009	The study of cross-Straits relations	2	SP		C	Applicable to candidates in major of Political Theory
180020009	Theory and practice of International Relations	2	FA		C	Applicable to candidates in major of International Relations
180020011	Seminar on International Organizations and International Law	2	SP			
180030015	Series of Cross-strait Common Affairs Governance	2	SP			



180020008	Selected Readings of Original Work in Political Science	2	FA				
180020010	International Conflicts and Crisis Marketing	2	SP				
180030010	The comparative analysis of Taiwan politics	2	FA		C		Applicable to candidates in Division of Politics Study
180030011	Taiwan Foreign Relations	2	SP				
180030013	Thematic Studies in Taiwan Society	2	SP				
180030012	Politics and Society of Taiwan	2	FA				
180030014	Political Thoughts of Contemporary Taiwan	2	SP				
010130028	The History of Pre-Restoration Taiwanese Literature	2	FA	C	C		Applicable to candidates in Division of Literature
180020012	The Theory and Method of Area Studies	2	FA	C			Applicable to candidates in Division of Literature
180030017	A Century of Taiwanese Literary History	2	SP				
180030018	The Study of Taiwanese Literature	2	FA	C	C		Applicable to candidates in Division of Literature
180030019	The Study of the Liberal literature in Post-war Taiwan	2	SP				
180030020	Taiwanese Literature and films	2	SP				
180030021	Taiwanese arts, culture and thought	2	SP				



	180030022	Taiwan ancient history	2	FA	C		Applicable to candidates in Division of History
	180030023	Modern History of Taiwan	2	FA	C	C	Applicable to candidates in Division of History
	180030024	Japanese occupation of Taiwan History	2	SP	C	C	Applicable to candidates in Division of History
	180030025	Taiwan History after World War II	2	SP	C		Applicable to candidates in Division of History
	180030026	Research on social and cultural history of Taiwan	2	SP			
	180030027	Original Taiwan history works reading	2	FA	C		Applicable to candidates in Division of History
	180030028	Research in Frontier History of Taiwan	2	FA			
	180030030	Intellectual and Cultural History of Taiwan	2	FA			
	180030031	Seminar on Taiwan modern history	2	SP			
	180030029	Economic history of Taiwan	2	SP			
	180030032	Researches on Taiwan history during the period of Holland colonial rule	2	FA			
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements				Evaluation (Ways and time)
Academic Lectures	C	1	Candidates are required to attend at least 20 academic lectures and/or academic reports (note: counting 1 credit for masters).				Candidates shall submit the Attendance Report approved by the supervisor with signature.



Mid-term Assessment	C for PhDs	1	PhDs shall take the mid-term assessment after competing all courses. Candidates who fail are not allowed to proceed to thesis writing.	
Literature Review and Research Report			Please refer to relevant documents released by the Graduate School of Xiamen University.	
Thesis Proposal			Candidates shall choose a subject for the thesis and present a thesis proposal report no later than the end of the third semester.	
Social Practice	C	1	Candidates shall conduct social practice such as mass observation, field investigation in Taiwan.	On the completion of the social practice, candidates shall submit research reports approved by the supervisor with signature.
Teaching Practice			Candidates are encouraged to be the teaching assistant to the supervisor. Candidates are expected to give lessons for a certain amount of time on topics related to their research. The supervisor shall evaluate the candidate's teaching practice and provide suggestions for improvement.	
Inter-Campus Communication and Exchange			Candidates are expected to conduct field investigations in Taiwan.	
Thesis	<p>1. The subject selection and the thesis proposal. Candidates shall complete the subject selection by the end of the third semester under the guidance of the supervisor. The chosen subject shall be related to front issues in the field of study, or of great significance to cross-straits cooperation and development, or related to the supervisor's projects. The chosen subject shall be approved by the supervisor committee. The thesis proposal report shall be organized before the end of the third semester. The candidate shall complete the thesis proposal under the guidance of the supervisor, and present a thesis proposal report to the examination committee. Candidates who have the thesis proposal approved by the examination committee are allowed to proceed to work on thesis writing.</p> <p>2. Intermediate Reports. Candidates shall report at least twice to the supervisor team in the process of thesis writing about the progress, encountered problems and corresponding possible solutions. On the completion of the first draft, the supervisor team shall provide advice and suggestions for improvement and/or revision. On the completion of the final draft, the mock viva shall be held by the supervisor team.</p> <p>3. Requirements on the thesis. The thesis shall be innovative and of application value. The research findings shall be consultative for government organs to make decisions and policies.</p>			



	4. Deadline for the thesis submission. The final copies of the thesis shall be submitted to the teaching secretary 3 months before the oral defense.			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks(C or O)
1	International Economics. (Chinese edition) China Machine Press. 2010	Dennis R.Appley& Steven L.Cobb	Mid-term Assessment	C for economics major
2	International Economics: Theory and Policy. (Chinese edition)Chinese People University Press. 2006	Paul R.Krugman & Maurice Obstfeld	Mid-term Assessment	C for economics major
3	International trade theory and policy. (Chinese edition) Shanghai University of Finance and Economics Press. 2005	Giancarlo Gandolfo	Mid-term Assessment	C for economics major
4	International finance and Open-Economy Macro-economics. (Chinese edition) Shanghai University of Finance and Economics Press.	Giancarlo Gandolfo	Mid-term Assessment	C for economics major
5	《世界贸易组织与发展中国家》, 上海远东出版社,1998	王新奎	Mid-term Assessment	O for economics major
6	《全球化与中国》,中央编译出版社,1998	胡元梓	Mid-term Assessment	O for economics major
7	《国际区域产业结构分析导论》,上海三联书店、上海人民出版社,2002	汪斌	Mid-term Assessment	O for economics major
8	《APEC 发展的政治经济分析》,南开大学出版社,2005	盛斌, 殷晓红	Mid-term Assessment	O for economics major
9	《中国与亚太经济合作: 现状与前景》,世界知识出版社,2008	梅平主编	Mid-term Assessment	O for economics major
10	《亚太区域经济一体化问题研究》,南开大学出版社,2009	刘晨阳、于晓燕主编	Mid-term Assessment	O for economics major
11	于宗先序列丛书	于宗先	Mid-term Assessment	O for economics major
12	《台湾经济发展的启示》,经济与生活出版公司,1988	蒋硕杰	Mid-term Assessment	O for economics major
13	《台湾经济四十年》,台湾天下文化出版公司,1991	高希均、李诚主编	Mid-term Assessment	O for economics major
14	《战后台湾经济分析》,厦门大学出版社,1996	刘进庆著, 雷慧英译	Mid-term Assessment	O for economics major
15	《全球化下的台湾经济》,台湾社会研究丛刊,2003	瞿宛文	Mid-term Assessment	O for economics major



16	《21 世纪以来的台湾经济：困境与转折》，九州出版社,2004	邓利娟	Mid-term Assessment	O for economics major
17	《台湾经济发展通论》，九州出版社,2004	李非	Mid-term Assessment	O for economics major
18	《海峡两岸经济关系通论》，鹭江出版社,2008	李非	Mid-term Assessment	C for economics major
19	《两岸经济一体化问题研究——区域一体化理论视角》，鹭江出版社,2007	唐永红	Mid-term Assessment	C for economics major
20	政治学：概念、理论和方法	陈振明	Book report	C for politics
21	Comparative politics: a developmental approach	Gabriel A. Almond	Book report	C for politics
22	中国台湾问题外事人员读本	国台办	Book report	C for politics
23	台湾政治概论	刘国深等	Book report	C for politics
24	海峡两岸关系析论	李鹏	Book report	C for politics
25	台湾学导论	陈孔立	Book report	O for politics
26	美国对华政策与台湾问题	苏格	Book report	O for politics
27	民进党意识形态研究	刘国深	Book report	O for politics
28	台湾历史纲要	陈孔立等	Book report	O for politics
29	台湾问题文献资料选编	国台办研究局	Book report	O for politics
30	光复前台湾报刊复刻本：《人人杂志》、《フォルモサ》、《南音》、《先发部队》、《第一线》、《风月报》、《三六九小报》、《台湾文艺》、《台湾新文学》、《文艺台湾》、《台湾文学》、《台湾文艺》、《台湾民报》、《台湾新民报》、《台湾大众时报》、《汉文台湾日日新报》		Thesis proposal or qualified examination	C for literature
31	1945 年以后日本、台湾、大陆的报纸、期刊：《台湾文化》、《文化交流》、《当代》、《台湾文艺》、《中外文学》、《幼狮文艺》、《文讯》、《历史月刊》、《联合文学》、《文学界》、《文学台湾》、《台湾史研究》、《书评书目》、《自立晚报》、《中国时报》、《联合报》、《文艺台湾》、《台湾文学研究学报》、《台湾文学学报》、《新史学》、《传记文学》、《思想》、《台湾社会研究季刊》、《人间》杂志，《人间创作与思想丛刊》、《夏潮》（包括后来的《夏潮论坛》）、《自由中国》、《大学杂志》《现代诗》、《创世纪》、《笠》诗刊、《葡萄园》诗刊、《笔汇》、《文学季刊》、《文季》、《日本台湾学会报》（日本）、《文学评论》（大陆）、《新文学史料》（大陆）、《台湾研究集刊》（大陆）、《台湾研究》（大陆）等		Thesis proposal or qualified examination	C for literature



32	《海峡两岸新文学思潮的渊源和比较》	朱双一、张羽	Thesis proposal or qualified examination	O for literature
33	《近二十年台湾文学流脉》厦门大学出版社 1999 年版	朱双一	Thesis proposal or qualified examination	O for literature
34	《台湾文学创作思潮简史》九州出版社 2009 年版	朱双一	Thesis proposal or qualified examination	C for literature
35	《旧殖民地文学の研究》台北：人间出版 2004 年版	[日]尾崎秀树	Thesis proposal or qualified examination	O for literature
36	《台湾文学史》	陈芳明	Thesis proposal or qualified examination	O for literature
37	《日治时期台湾文艺评论集》(杂志篇) 台南市：“台湾文学馆筹备处”2006 年版	黄英哲主编	Thesis proposal or qualified examination	C for literature
38	《台湾文学史纲》，文学界出版社 1987 年版。	叶石涛著	Thesis proposal or qualified examination	O for literature
39	《台湾文学史》，福州：海峡文艺出版社 1993 年版	刘登翰等著	Thesis proposal or qualified examination	O for literature
40	《后殖民台湾——文学史论及其周边》，台北：麦田，2002 年	陈芳明	Thesis proposal or qualified examination	O for literature
41	《台湾文献丛刊》(309 种)	周宪文(主编)	Term paper	O for history
42	《台湾历史纲要》	陈孔立(主编)	Term paper	C for history
43	《清代台湾移民社会研究》	陈孔立	Term paper	C for history
44	《台湾研究集刊》	厦门大学台湾研究院	Term paper	O for history
45	《台湾史研究》	“中研院”台史所	Term paper	O for history
46	《台湾历史研究》	李祖基	Term paper	C for history
47	《日本殖民统治台湾五十年史》	陈小冲	Term paper	C for history
48	《茶、糖、樟脑业与晚清台湾》	林满红	Term paper	C for history



49	《日本帝国主义下的台湾》	矢内原忠雄	Term paper	O for history
50	《战后台湾的接收与重建：台湾现代史研究论集》	郑梓	Term paper	C for history
51	《台湾史论文精选》（上下）	张炎宪等（主编）	Term paper	O for history
Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways.				



Graduate Program for Pedagogy

School	Institute of Education	Student Type	Master & PhD
Discipline	Pedagogy	Discipline Code	0401 (including 0470)
Subject included	Curriculum and teaching Methodology(040102); History of Education(040103);Comparative Education(040104); Higher Education(040106); Education Economy and Marketing(047003); Developmental and Educational Psychology(040202); National Defense Education(0401Z1)		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit Requirements	Master ≥ 34 credits: ≥ 32 credits for courses, <u>2</u> credits for other academic sections.		
	PhD ≥ 16 credits: ≥ 14 credits for courses, <u>2</u> credits for other academic sections.		
Program Objectives	This program aims to cultivate talents who are expected to (1) have a good and systematic command of basic theories and methodologies of pedagogy, and the research front of it at home and abroad; (2) make use of the basic theories and concepts to solve problems, and to do teaching and research independently; (3) (especially PhDs) conduct innovative research in the field of pedagogy and achieve great outcomes; (4) do well in reading foreign literature in at least one foreign language and communicating with foreign scholars in at least one foreign language; (5) be healthy mentally and physically; (6) be of the competence to engage in management related to education; and (7) (especially PhDs) be a leading expert in the pedagogy field.		
Requirements of Research Ability and Other Aspects	<p>1. Under the guidance of the supervisor, candidates are required to start or participate in subject researches, so as to acquaint themselves with academic norms and equip themselves with the ability to find, analyze and solve problems.</p> <p>2. Candidates are required to take an active part in academic seminars and lectures; PhDs are demanded to deliver at least 1 academic report at academic conferences held in the college or outside the campus.</p> <p>PhD:</p> <p>(1) Prior to applying for the degree, PhDs are required to publish 1 first-author (if his/her supervisor is the first author and the candidate is the second, he/she will be deemed as a first author) academic paper with Xiamen University as the first-author affixation in the top journals or the first-class core journals, or 3 papers in the second-class core journals. One of the 3 papers can be replaced with a monograph, a textbook, or a translation of an academic book related to the field they study (parts completed by the candidate, for a monograph, must be of at least 30,000 characters and, for a text book or an academic book, must be of at least 50,000 characters).</p> <p>(2) For papers published in SCI, EI, and SSCI, only the letter of acceptance is required. Academic papers published in EI must be periodical papers.</p> <p>(3) Requirements for PhDs from Chinese mainland in this aspect are also applicable to PhDs from Taiwan, Hong Kong and Macao, except that they can choose to publish academic papers in overseas journals or journals based in Hong Kong, Macao, and Taiwan and there is no special requirement for the level of the</p>		



<p>journals.</p> <p>(4) All the journals mentioned above do not include supplements, special issues or albums.</p> <p>(5) PhDs shall apply for the doctoral degree in the next 6 years after the completion of the thesis defense, or their act will be considered as a waiver.</p> <p>Master:</p> <p>(1) Prior to applying for the degree, masters must publish at least 1 first-author (if his/her supervisor is the first author and the student is the second, he/she will be deemed as a first author) academic paper with Xiamen University as the first-author affixation in journals. First-author papers published in the college's journal International Higher Education can be counted as periodical papers published in journals with serial numbers.</p> <p>(2) Requirements for masters from Chinese Mainland are also applicable to candidates from Taiwan, Hong Kong and Macao, except that they can choose to publish academic papers in overseas journals or journals based in Hong Kong, Macao, and Taiwan.</p> <p>(3) Publishing academic papers is not compulsory for masters of National Defense Education.</p> <p>(4) All the journals mentioned above do not include supplements, special issues or albums.</p> <p>(5) Masters shall apply for their master degree in the next 4 years after the completion of the thesis defense, or their act will be considered as a waiver.</p>							
<p>Curriculum</p> <p>(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)</p>							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	Chinese Marxism and Contemporary	2	FA		C	To be completed in the first academic year
	000010201	First Foreign Language	2	FA/SP	C		
	000010102	Study on the theory and practice of socialism Chinese characteristics	1	FA	C		
	000010103	Marxism and Methodology for Social Sciences	1	SP	C		
Compulsory Courses: Master ≥ 15 credits, PhD ≥ 6 credits	190121001	Seminar of Higher Education	3	FA		C	Normally to be completed in the first academic year. PhDs must earn no fewer than 5 credits.
	190121002	Issues of Chinese Higher Education	3	SP			
	190121003	Seminar of Chinese Higher Education History	2	SP			
	190121004	Seminar of Higher Education Marketing	3	SP			



	190121005	International and Comparative Higher Education	3	SP			
	190122001	Pedagogy of Higher Education	3	FA	C		
	190122002	Methodology of Higher Education Research	3	SP			
	190122003	History of Chinese Higher Education	2	FA			
	190122004	Curricula in Higher Education	3	FA			
	190122005	History of Foreign Higher Education	2	SP			
	190122006	Adolescence Psychology	3	SP			
	190122007	psychology research methodology	3	FA			
	190122008	National Defense Education in College	3	FA			
	190122009	Geography of Military Science and the Teaching Method	3	FA			
Optional Courses: Master \geq 11 credits (\geq 4 credits for program module) , PhD \geq 4 credits (\geq 2 credits for program module)	190131006	Seminar of Western Higher Education Thoughts	2	SP			Higher Education Module
	190131007	University strategy and planning	2	SP			
	190131008	Introduction of Education Research Methodology	2	SP			
	190131009	Seminar of modern university system	2	FA			
	190131010	Seminar of Chinese-foreign cooperation in running schools	2	SP			
	190131011	Seminar of Higher Education and Society	2	SP			
	190132010	English for Higher Education Major	2	FA			



190132011	Creative Marketing and Leadership	2	SP			
190132012	Higher Education of Woman	2	FA			
190132013	The research on private education	1	SU			
190132014	Philosophy of Higher Education	2	FA			
190132015	Development Theory and Chinese Higher Education Modernization	2	FA			
190132016	Developing Effective Research Proposals	2	SP			
190132017	Researches on hot issues of basic education	2	SP			
190132018	The introduction of university research	2	FA			
190131012	Seminar research of Higher Education Sociology	2	FA			
190131013	Seminar of Higher Education Economics	3	FA			
190132019	Higher Education and Economics	2	FA			
190132020	Topic of University Graduates' Employment	2	FA			Education and Marketing Module
190132021	Human Resource Exploration and Marketing	2	SP			
190132022	The study on policy and law of higher education	2	FA			
190132023	Higher Education Sociology	2	FA			
190132024	International Comparison of Financing Higher Education	2	SP			
190132025	Education Finance Theory and Practice	2	SP			
190132026	History and Method of Comparative and International Education	2	SP			Comparative Education



190132027	Comparative and International Studies of Faculty Development	2	SP			Module
190132028	Higher Education of Japan	2	FA			
190132029	Policy of European Higher Education	2	SP			
190132030	Comparative Higher Education Marketing	2	SO			
190132031	Comparative Higher Education	2	FA			
190132032	Higher education in Russia	2	SP			
190132033	International Academic Exchange and Cross-cultural Learning	2	FA			
190131014	Topics of Chinese Modern Higher Education	2	FA			Education History Module
190132034	Introduction of Imperial Examination	2	SP			
190132035	educational historiography	2	SP			
190132036	Selection of Historical Literature of Education	2	FA			
190132037	Examination Sociology	2	FA			
190132038	The History of China Examination Development	2	SP			
190132039	Education Technology	2	FA			
190132040	The Theory and Method of Instruction of Colleges and Universities	2	FA			Curriculum and Teaching Methodology Module
190132041	An Introduction to Faculty Development	2	SP			
190132042	Theory and Practice in Learning in Higher Education	2	FA			
190132043	Learning Theory for Curriculum and Instruction	2	FA			
190132044	Sociology of Curriculum	2	FA			



190132045	Technologies on Curriculum Development and Marketing	2	FA			
190132046	Brain, Mind and Innovative Education	2	SP			Developmental and Educational Psychology Module
190132047	Educational Psychology	2	FA			
190132048	Motivational Psychology	2	SP			
190132049	Progression of Mental Development	2	SP			
190132050	psychological counseling	3	SP			
190132051	Personal Psychology	2	FA			
190132052	The principle and method of hypnosis	1	FA			
190132055	Pedagogy of National Defense Education	3	SP			National Defense Education Module
190132056	Chinese Military Thoughts	2	FA			
190132057	Culture and National Defense Education	2	SP			
190132058	National Defense Education History	2	SP			
190132059	The Weapon and the art of war	2	FA			
190132060	Comparative National Defense Education	2	SP			
190132061	National Defense Theory and National Security Strategy	2	FA			
190132062	Social National Defense Education	2	SP			
190132063	National Defense Education Psychology	2	SP			
190132064	Personal Growth and Career Planning	2	FA			Practice Module
190132066	International course	1	SU			Internationalization Module
190113001	pedagogy	0	FA			For candidates who have not
190113002	General Psychology	2	FA			



	190113003	Statistics of education and psychology	2	FA			completed any of these courses (except candidates under National Defense Education Program) during their undergraduate studies. Normally candidates are required to earn all the credits in the first academic year.
Cross-Institute Optional Courses: Master \geq 2credits, PhD \geq 2credits	/	Cross-institute courses	No limit	No limit	C	C	
Other Requirements	Candidates are demanded to design the individual training program with the supervisor after the enrollment, and the program shall be approved by the supervisor with signature.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements				Evaluation (Ways and time)
Academic Lectures	C	0	Candidates are required to attend at least 10 academic lectures and/or conferences.				Candidates shall complete the Term Execution Report in the online system and get it evaluated by the supervisor.
Academic Reports	C for PhDs	0	PhDs shall present at least one academic report at academic conferences.				
Mid-term Assessment and Qualifying Examination	C for PhDs	1	The mid-term assessment and qualifying examination is to test PhDs' research ability and their knowledge of basic theories. It is usually held at the end of the second academic year.				It is held in the second semester of the second academic year.



			<p>The open-book qualifying test shall be designed by the supervisor team and mainly covers basic theories, frontier issues of the field, and candidates' practice plans.</p> <p>The mid-term assessment committee is composed of at least 3 teachers. The candidate shall submit a research paper, a practice plan and research reports to the committee for review. The candidate shall get ready to take an oral examination by the committee.</p> <p>Only those who have passed both the mid-term assessment and the qualifying test are allowed to enter into the phase of thesis writing. Those who fail will be confronted with relevant regulations set by Xiamen University.</p>	
<p>Literature Review and Thesis Proposal</p>	<p>C</p>	<p>0</p>	<p>1. Candidates are required to submit a literature review and a thesis proposal. Before the submission, candidates shall have their literature review examined by the supervisor. The thesis proposal shall be prepared under the guidance of the supervisor. The thesis proposal shall cover the following elements: the significance of the chosen subject, the status quo of relevant research at home and abroad, main breakthroughs or innovative points the project might achieve, theories and methods adopted, the outline and structure of the thesis, key points and difficult points, research protocol, etc.</p> <p>2. Prior to the thesis proposal report, candidates shall fill out and submit the Thesis Proposal Report Application Form with the supervisor's signature on it.</p> <p>3. Candidates are required to present a thesis proposal before the supervisor committee composed of at least 3 supervisors (including the candidate's supervisor) on the title of the thesis, literature and other relevant data already accumulated, and the research plans. The supervisor committee shall provide pertinent advice on the chosen subject and the research design.</p>	<p>It is held in the second semester of the second academic year.</p> <p>Candidates shall submit a literature review for the supervisor's evaluation and present a thesis proposal report.</p>



			<p>4. After the thesis proposal report, the supervisor committee shall complete the candidate's Thesis Proposal Report Application Form by providing the committee's assessment and submit the form to the college for the record.</p> <p>5. Candidates shall investigate and survey for their thesis with clear purposes and plans; they are expected to discuss with their supervisor about the specific form and focus of each investigation or survey.</p> <p>6. Candidates shall report to the supervisor regularly on the progress of their thesis writing, the obstacles they are confronted with, and the solutions they adopt; discussions between candidates and the supervisor are encouraged so as to ensure thesis quality.</p> <p>7. The supervisor team shall conduct intermediate inspection.</p>	
<p>Social Practice</p>	<p>C</p>	<p>1 credit for PhDs, 2 credits for master s</p>	<p>1. Candidates shall not only have a good grasp of basic theories and knowledge also cultivate abilities in oral and written expression, team cooperation and academic activity organization.</p> <p>2. The supervisor shall provide a series of topics around which discussion groups conduct research and study. Reports shall be presented by the discussion group or the individual.</p> <p>3. PhDs shall be assigned to conduct teaching practice in the university or other colleges and universities.</p> <p>4. Social practice can be working as the management assistant or conducting practice in relevant departments in the university, doing teaching practice in the college's teaching practice base, or participating in relevant social investigation.</p> <p>5. Masters without working experience shall accumulate a workload of at least 80 hours of social practice. Masters with at least one-year working experience can be exempted from social and teaching practice.</p>	<p>On the completion of social practice, masters shall submit the Social Practice Report. On the completion of social practice, PhDs shall submit a research report.</p>



			6. Masters are required to submit the Social Practice Report on the completion of their social practice to the supervisor for evaluation. The supervisor shall provide written evaluations with signature.	
Inter-Campus Communication and Exchange		0	1.Candidates are encouraged to attend academic conferences at home and abroad. 2. Candidates are encouraged to apply for scholarships provided by CSC (China Scholarship Council), the Graduate School and the International Office of Xiamen University for international exchange programs and/or joint programs.	Candidates are encouraged to attend academic conferences, study abroad and apply for joint programs.
Thesis	<p>1. Masters shall allocate at least 1 year for the thesis writing, and PhDs at least 2 years.</p> <p>2. Candidates shall choose a subject of theoretical and practical significance under the guidance of the supervisor. Candidates are encouraged to participate in research projects led by the supervisor and choose a subject relevant to the projects.</p> <p>3. Candidates shall investigate and survey for the thesis with clear purposes and plans. Candidates shall discuss with the supervisor about the specific form and focus of each investigation or survey.</p> <p>4. Candidates shall report to the supervisor regularly on the progress of the thesis writing, the obstacles they are confronted with, and the solutions they adopt. Discussions among candidates are encouraged.</p> <p>5. The thesis shall mirror the candidate's grasp of basic theories and concepts of the chosen field with a clear structure and reliable data. For PhDs, the thesis shall possess innovative research thoughts and academic viewpoints.</p> <p>6. For requirements on word limit and the format of the thesis, please refer to relevant regulations set by Xiamen University. Misconducts are prohibited.</p> <p>7. All theses will be anonymously reviewed and carefully checked for duplication. As for the nomination of the thesis defense committee members and the detailed procedure of the oral defense, please refer to relevant regulations set by Xiamen University.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks(C or O)



Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;

2. Examination on thesis proposal or comprehensive examination;

3. Reading Report;

4. Other specific ways.



Graduate Program for Economics

School	The Wang Yanan Institute for Studies in Economics(WISE)	Student Type	PhD & MA
Discipline	<ol style="list-style-type: none"> 1. Applied Economics 2. Theoretical Economics 3. Statistics 	Discipline Code	1.0202 2.0201 3.0714(Mathematical Statistics)
Subject included	<ol style="list-style-type: none"> 1. Applied Economics:Labor Economics (020207); Finance (020204); Regional Economics (020202); Quantitative Economics (020209); 2. Theoretical Economics:Western Economics (020104); 3. Statistics: Statistics-mathematical statistics (071400). Candidates under the program of Mathematical Statistics with a graduate degree in science. 		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit Requirements	Master: <u>≥50</u> credits: <u>≥ 44</u> credits for courses, <u>6</u> credits for other academic sections. PhD: <u>≥54</u> credits: <u>≥42</u> credits for courses, <u>12</u> credits for other academic sections.		
Program Objectives	<p>Under the guidance of the cultivation principle of “helping candidates consolidate their basic theoretical knowledge, explore their research potential, give full play to their research expertise, and improve their comprehensive quality”, this program aims to cultivate professional, high-quality, and innovative talents proficient in economics who (1) are equipped with humanities and social science and natural science, (2) have a good command of modern economic theories, (3) are able to conduct researches on frontier issues in the field of economics independently, and (4) are adaptable to international competition.</p> <p>Masters: 3 years; PhDs: 4 years. Detailed requirements are as follows:</p> <p>Requirements on individual quality. Candidates are expected to (1) have decent values and morality; (2) have a good sense of social responsibility; (3) attach importance to teamwork; (4) be equipped with humanities and social science and natural science; (5) grasp scientific world views and methodology; (6) have a good command of basic theories of economics and specialized knowledge; and (7) be healthy physically and mentally, and adaptable to social changes.</p> <p>Requirements on ability. Candidates are demanded to (1) be of the ability to do research independently, and learn actively; (2) be of the ability to collect, process, analyze, and utilize data; (3) be proficient in at least one foreign language; and (4) possess the ability to see things from an international perspective and communicate with foreigners freely.</p> <p>Requirements on knowledge. Candidates are required to (1) grasp basic theories of modern economics; (2) be fully aware of the knowledge system and development of economics; (3) have a command of the expertise of at least one branch of economics, and its corresponding theories and empirical research methods; and (4) be</p>		



	proficient in at least one foreign language.						
Requirements of Research Ability and Other Aspects	<p>Prior to applying for a doctoral degree, PhDs (including overseas PhDs) shall meet either one of the following requirements:</p> <p>1. To publish 1 first-author academic paper with Xiamen University as the first author affixation in top journals like Finance Research, Economics Research, Economics Dynamics, Management Science, Economics Quarterly, World of Management (non-essays) , World Economics, Quantitative and Technical Economics Research, Statistics Research, Theory and Practice of Systems Engineering, China’s Industry-based Economy, or China’s Social Science. The paper must be of no fewer than 3,000 characters.</p> <p>2. To engage in international frontier projects, and to publish academic papers in international academic journals. Considering the time span for a paper from being accepted to being published is usually 3 years, for those who engage in international frontier projects, when the paper contributed to international journals (SCI or SSCI) enter into the “revision and resubmission requested” phase, it will be considered as published. For SCI and SSCI journals, please refer to the Catalogue of International Journals of the College of Economics and WISE.</p> <p>Notes:</p> <p>For co-authored papers (in the field of economics, finance, statistics, etc.) published in international journals, since the authors’ names are normally arranged in alphabetic order, all authors are equally recognized.</p> <p>According to the international practice, all co-authors are considered to have contributed to the paper substantially. Thus, generally speaking, as long as the number of the co-authors does not exceed 4, WISE will recognize the paper as each contributor’s academic outcome.</p> <p>WISE not only encourages candidates to cooperate with their supervisors, but also with other teachers and foreign scholars.</p>						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	Marxism and Methodology for Social Sciences	1	SP	C		
	000010201	China's Marxism and Contemporary	2	FA	/	C	
	000010102	First Foreign Language	2	FA/SP	C	O	
	000010103	Study on the theory and practice of socialism Chinese characteristics	1	FA	C	/	
Compulsory	260017000	Advanced Macroeconomics I	3	FA	C	C	



Courses for candidates of Applied Economics Program and Theoretical Economics (8): Master <u>24</u> credits, PhD <u>24</u> credits	260017001	Advanced Econometrics I	3	FA	C	C	
	260017002	Advanced Microeconomics I	3	FA	C	C	
	260017003	Mathematic Economics	3	FA	C	C	
	260017004	Advanced Macroeconomics II	3	SP	C	C	
	260017005	Advanced Econometrics II	3	SP	C	C	
	260017006	Advanced Microeconomics II	3	SP	C	C	
	260017007	Advanced Financial Economics	3	SP	C	C	
Compulsory Courses for candidates of Statistics (Mathematical Statistics) (8): Master <u>24</u> credits, PhD <u>24</u> credits	260017000	Advanced Macroeconomics I	3	FA	C	C	
	260017001	Advanced Econometrics I	3	FA	C	C	
	260017002	Advanced Microeconomics I	3	FA	C	C	
	080020003	Advanced Advance Probability Theory	3	FA	C	C	Offered by School of Mathematics
	050222005	Advanced Mathematical Statistics	3	SP	C	C	
	260017005	Advanced Econometrics II	3	SP	C	C	
	050010010	Computational Data Analysis Using Software	3	SP	C	C	
260017007	Advanced Financial Economics	3	SP	C	C		
Optional Courses (at least 8 courses): Master <u>16</u> credits, PhD <u>16</u> credits	260024011	Industrial Organization	2	FA	O	O	
	260024012	Urban Economics	2	FA	O	O	
	260024013	Experimental Economics	2	SP	O	O	
	260024014	Law and Economics	2	SP	O	O	
	260024015	Environmental Economics	2	SP	O	O	
	260028011	Advanced Topics on Macroeconomics I: Monetary Economics and International Finance	2	FA	O	O	
	260028012	Labor Economics	2	FA	O	O	
	260028013	Advanced Topics on Macroeconomics II : Open Macro and Search Model Application	2	SP	O	O	
	260028014	The Chinese Economy: Transitions and Growth	2	SP	O	O	



260028015	Advanced Topics in Urbanization and Land Reform	1	SU	O	O	
260028016	Commercial Society and Modern China	1	SU	O	O	
260026040	Financial Statement Analysis	2	FA	O	O	
260028040	Asset pricing I: Discrete-time Models and Empirics	2	FA	O	O	
260028041	Advanced Topics on Finance	2	FA	O	O	
260028042	Advanced Topics in Cross-Strait Financial Market I	1	FA	O	O	
260028043	Security Investment: Value Investing Practice	2	FA	O	O	
260028044	Advanced Corporate Finance	2	SP	O	O	
260028045	Fixed Income Analysis	2	SP	O	O	
260028046	Topics on Financial Innovation	2	SP	O	O	
260028047	Advanced Topics in Cross-Strait Financial Market II	1	SP	O	O	
260028048	Derivatives Analysis: Algorithm Trading with Theory and Practice	3	SP	O	O	
260028049	Asset pricing II: Continuous-time Models and Risk Marketing	2	SP	O	O	
260028050	Asset Pricing and Network Economics	1	SU	O	O	
260028051	Seminar on Applied Information Economics	1	SU	O	O	
260028052	Value and Special Situation Investing	1	SU	O	O	
260028070	Time Series Analysis I	2	FA	O	O	
260028071	Microeconometrics	2	FA	O	O	
260028072	Applied Nonparametric Econometrics	3	FA	O	O	
260028073	Financial Econometrics	2	SP	O	O	
260028074	Time Series Analysis II	2	SP	O	O	
260028075	Applied micro econometrics	2	SP	O	O	



	260028076	Applied Nonparametric Econometrics	1	SU	O	O	
	260028077	Nonlinear Time Series and Financial Econometrics	1	SU	O	O	
	260028078	Topics in Applied Time Series Econometrics and Financial Econometrics	2	SU	O	O	
	260028079	Advanced topic on big data application in the enterprise marketing	1	SU	O	O	
	050222102	Multivariate Statistical Analysis	2	SP	O	O	
	050222103	Stochastic Process	2	SP	O	O	
	050222104	Bayesian Statistics	2	SP	O	O	
	050222105	Generalized Linear Model	2	SP	O	O	
	260018090	Professional Writing and Oral English	2	FA	C	/	
	260018091	Professional English Writing	2	SP	/	C	
	260018092	Thesis Writing & Master Opening report	2	SP	C	C	
	260018093	Seminar (MA)	4	FA+SP	C	/	1 credit per semester
	260018094	Qualifying Examination for Masters	0	FA	C	/	
	260018095	Metaphase Assessment for PhD Candidates	1	SU	/	C	
	260018096	Opening Proposal	0	SP	C	C	
	260018097	WISE 2nd3rd year PhD Candidates Thesis Report	0	SU	/	C	
	260018098	PhD Preliminary Economics Thesis Defense	0	FA	/	C	
	260018099	Social Practice	1	TBA	/	C	
	260018100	Teaching Practice (MA)	2	FA+SP	C	/	
	260018101	Teaching Practice (PhD)	4	FA+SP	/	C	
	260018102	Seminar (PhD)	6	FA+SP	/	C	
<p>Notes:</p> <p>Requirements on course selection for Applied Economics and Theoretical Economics candidates.</p> <p>FA: Western Economics candidates must register one of 28011 and 28012; Regional Economics candidates</p>							



	<p>must register one of 24012, 28071, and 28012; Quantitative Economics candidates and Statistics candidates must register one of 28020, 28071, and 28072; Labor Economics candidates must register one of 28071 and 28012; Finance candidates must register 28040. All those mentioned FA courses are optional courses for candidates of other programs.</p> <p>SP: Western Economics candidates must register one of 24014, 28013, and 28014; Regional Economics candidates must register one of 24105 and 28075; Quantitative Economics candidates and Statistics candidates must register one of 28074, and 28075; Labor Economics candidates must register one of 28013 and 28075; 28049 is compulsory for Finance candidates. All those mentioned SP courses are optional courses for candidates of other programs.</p> <p>Requirements on course selection for Statistics-mathematical Statistics candidates.</p> <p>FA: register one of 28070, 28071, and 28072.</p> <p>SP: register one from 28073, 28074, 28075, 050222102, 050222103, 050222104, and 050222105.</p>			
Other Requirements	Courses completed in the master studies can be exempted in the doctoral studies.			
Other Academic Sections (C-Compulsory; O-Optional)				
Category	C or O	Credit	Requirements	Evaluation (Ways and time)
Academic Lectures and Reports	C	4 credits for masters, 6 credits for PhDs	Masters are required to attend at least 10 academic lectures hosted by WISE each semester within the first 2 academic years. PhDs (including overseas PhDs) shall attend at least 10 academic lectures hosted by WISE each semester in the first 3 academic years, except those in the graduation period.	Candidates shall submit a reading report with at least 2,000 characters. Candidates will get 1 credit if they meet the requirements of attendancy and reading reports.
Short-term Courses	C		Short-term courses are usually offered in the summer semester. Courses include Commercial Society and Modern China, Advanced Topics on Urbanization and Land Reform, Advanced Topics on the Application of Big Data in Business Management, Values and Special Forms of Investment, etc. 1 or 2 credits are for each course. Candidates are required to get at least 3 credits.	Candidates shall meet the specific requirements of individual courses.
Qualifying Test and Mid-term Assessment	C	1 credit for PhDs	Qualifying test for masters: It is designed for candidates who are recommended and enrolled from non-economics and non-management majors.	



			<p>These candidates are required to take the qualifying test by the end of the first semester of the first academic year starts. The test will cover intermediate macroeconomics and intermediate microeconomics. Those who fail are requested to retake relevant courses.</p> <p>Mid-term assessment for PhDs (including overseas PhDs):</p> <p>The third-year paper will be taken as the mid-term assessment. Those who have their third-year paper approved, get 1 credit.</p>	
Thesis Writing	C		<p>The course on Thesis Writing and Master Thesis Proposal is offered in the SP of the second academic year. Candidates are required to take a thesis proposal assessment conducted by the supervisor team. From the course, candidates are expected to grasp skills for thesis writing, and to be equipped with the ability to write academic papers for publication. Candidates are also supposed to select their subject and area for the thesis, and present a thesis proposal report</p>	
Thesis Proposal	C		<p>Masters and PhDs (including overseas PhDs) are required to present a thesis proposal report in the class of Thesis Writing and Master Thesis Proposal for examination and approval. The thesis proposal shall cover the following elements: literature review, ideas, framework, expected outcomes and potential contributions, and feasibility analysis.</p> <p>Detailed requirements:</p> <ol style="list-style-type: none"> 1. A relatively complete literature review with at least 3,000 characters; 2. A clear subject; a presentation of personal contribution in the relevant field; 3. The framework and a feasibility analysis; 	<p>It is the Thesis Writing & Master Opening Report in the Spring semester.</p>



		<p>4. Expected outcomes.</p> <p>Candidates who pass the examination of this course earn 2 credits.</p>	
<p>The 2nd/3rd year PhD Thesis Report</p>		<p>PhDs (including overseas PhDs) shall submit the second-year paper by the end of the SP (before May 30th) of the second academic year. The paper shall be at least of 10 pages, covering the title, research background and significance, innovative points and difficulties. The candidate shall present an oral report on the paper to the examination committee in the first week of the following summer semester. The examination shall be of at least 45 minutes. The examination committee (the supervisor team included) shall provide evaluative results (“Pass”, “Conditional Pass”, and “Fail”) and submit the results to the academic degree evaluation committee of WISE for review. Candidates who fail shall complete a new paper within 1 month and are allowed to apply for the oral defense a second time after at least 3 months.</p> <p>PhDs (including overseas PhDs) shall submit the third-year paper by the end of the SP (before May 30th) of the third academic year. The candidate shall present an oral report on the paper to the examination committee in the first week of the following summer semester. The examination shall be of at least 45 minutes. The examination committee (the supervisor team included) shall provide evaluative results (“Pass”, “Conditional Pass”, and “Fail”) and submit the results to the academic degree evaluation committee of WISE for review. The third-year paper shall reach the academic level of papers published in domestic journals or</p>	<p>It is usually organized in the first week of the summer semester. For more detailed information, please refer to the Regulations on PhDs 2nd/3rd Thesis Report of WISE.</p>



		<p>SSCI journals on economics and finance. Candidates who fail shall complete a new paper within 1 month and are allowed to apply for the oral defense a second time after at least 3 months.</p> <p>Candidates under the Master-PhD program, shall submit the second-year paper in the first year of the doctoral study (in the third year of their postgraduate study). In the second year of their doctoral study, they shall submit the third-year paper. PhDs are not allowed to proceed to the phase of mock viva before the third-year paper is approved.</p>	
Mock Viva	C for PhDs	<p>PhDs (including overseas PhDs) shall pass the mock viva before they proceed to the thesis defense. Candidates are not allowed to take the mock viva before they have completed all the courses required for doctoral studies and have the second-year paper as well as the third-year paper examined and approved. For theses consisting of multiple papers, at least 2 of the papers shall have been completed (either in English or Chinese) before the mock viva. For theses consisting of multiple chapters, at least 2/3 of the chapters shall have been completed before the mock viva. The candidate shall get the permission from the supervisor for the mock viva.</p> <p>The mock viva committee shall be composed of at least three members, including at most 2 members of the supervisor team.</p> <p>The mock viva committee shall provide evaluative results (“Pass” or “Fail”) concerning the candidate’s performance and provide written comments on the thesis to the candidate’s supervisor.</p>	<p>Candidates expecting to graduate in June shall take the mock viva within the period from December 1st of the previous year to January 6th of the same year.</p> <p>Candidates expecting to graduate in December shall take the mock viva in June of the same year.</p> <p>For more detailed information, please refer to the Regulations on PhDs Thesis Mock Viva of WISE.</p>



			Candidates who fail shall revise the thesis and apply for the mock viva a second time half a year later later.	
Social Practice	C for PhDs	1-2 credits	Social Practice is compulsory for PhDs (including overseas candidates). The social practice can be social investigation, field investigation, volunteering services, etc.	
Teaching Practice	C	2 credits for masters, 4 credits for PhDs	Masters are required to work as the teaching assistant for at least 1 course (usually equivalent to 56 teaching hours). PhDs (including overseas PhDs) are required to work as the teaching assistant for at least 2 courses. Masters shall accumulate a workload of at least 56 teaching hours for 2 credits, and PhDs, 112 teaching hours for 4 credits.	
Thesis	C		<p>Masters:</p> <p>Masters shall allocate at least 1 year for the thesis writing. The thesis shall have a clear subject, adopt appropriate research methods and generate innovative results. Before the thesis writing, candidates shall have grasped the development and specialized knowledge of the chosen field, and have been equipped with the ability to conduct literature review and conduct empirical research independently. The thesis shall be written independently in Chinese under the guidance of the supervisor. If the thesis is written in English, a Chinese version shall be provided for the thesis defense. Only after the thesis is approved by every supervisor of the supervisor committee, can the student apply for an oral defense. The format shall meet the Regulations on Postgraduates' Theses Format of Xiamen University.</p> <p>PhDs (including overseas PhDs):</p> <p>PhDs are required to acquaint themselves with</p>	For more detailed information, please refer to the Regulations on the Double-blind Review for PhDs Theses (including overseas PhDs) and Masters of WISE, and the Regulations on Double-blind Review and Theses Defense of WISE.



		<p>development of the chosen field, and grasp the necessary skills and strategies for research. Candidates shall also have the competence to do empirical research and theoretical research, and complete academic papers meeting the requirements of the international academia. The thesis shall reflect the candidate's systematic grasp of basic theories and concepts of the chosen field, and the innovative points. The thesis shall be completed independently by the candidate under the guidance of the supervisor and written in Chinese with a minimum of 50,000 characters. Candidates who write the thesis in English shall provide a Chinese version before the thesis defense. For the thesis format, please refer to the Standardization on Postgraduates' Theses Format of Xiamen University.</p> <p>Thesis review:</p> <p>1. All PhD theses and some master theses shall go through double blind review. The name list of the experts for the blind review shall be kept confidential. No one except the teaching secretary shall have the access to the expert namelist. Candidates and supervisors shall not approach the teaching secretary for the confidential list. Otherwise the thesis defense shall be postponed for at least one semester. 1 month is allowed for the review. On receiving the review results, the postgraduate section of the college shall organize the final defense. Individual departments, centers and institutes shall nominate experts for the thesis defense and submit the expert list to the college for review and approval.</p> <p>2. Regulations on review comments:</p>	
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		<p>(1) Under the condition that all the reviewers give a score ≥ 70, and that all the reviewers agree that the thesis is qualified for the thesis defense, the thesis defense shall proceed as scheduled..</p> <p>(2) Under the condition that the review score is < 70, the candidate shall revise the thesis by taking into consideration the comments and/or suggestions by the reviewers. On the completion of the revision, the candidate shall submit a written report illustrating the revision in detail and providing particular responses to the reviewers' comments and/or suggestions. Only after the revised thesis is approved by the supervisor, is the candidate allowed to apply for the thesis review.</p> <p>(3) Masters and PhDs cannot apply for a blind review more than twice within 1 year.</p> <p>Thesis defense:</p> <p>1. PhD thesis defense is held one time a year (in May), and Master thesis defense is held three times a year (on Friday of the second week in May, July and November respectively). Off-campus experts invited for the thesis defense shall normally be experts in the same field from the colleges and universities under the programs of 985 or 211. The nomination list shall be submitted to the college for review at least half a month prior to the defense. PhDs and masters shall apply for the thesis defense no more than two times in 1 year.</p> <p>2. Results of the thesis defense:</p> <p>(1) Candidates who have their thesis approved shall make corresponding revisions and improvements according to the comments given by the thesis defense committee. The candidate</p>	
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			<p>shall submit the revised thesis along with a report on the revisions to the committee within 5-10 working days after the defense. On receiving the thesis and the revision report, the committee shall give a final score for the thesis within the following 5 working days. 0-8 scores are allowed to be added to the initial score. The upper limit for the final score is 100.</p> <p>(2) The candidate whose thesis is evaluated as gross is required to revise the thesis carefully according to the comments provided by the committee within the following 5-10 working days or till the completion of the revision. The candidate shall submit the revised thesis along with a report on the revisions to the committee. After receiving the thesis and the revision report, the committee shall give a final score for the thesis within the following 5 working days. 0-15 scores are allowed to be added to the initial score. Under the condition that the adjusted score is ≥ 70, the candidate is allowed to apply for the degree as scheduled. Under the condition that the adjusted score is < 70, there are two situations:</p> <p>(3) Under the condition that 4 members of the committee give a score which is ≥ 70 in the oral defense, but after the revision, the adjusted average score is < 70, the candidate shall communicate with the committee to find out the problems. The candidate shall make revisions until the revised thesis meets the requirements. The candidate is then allowed to submit the thesis and apply for the degree as scheduled.</p> <p>(4) Under the condition that 3 members of the committee give a score ≥ 70 in the oral defense, but after the revision, the adjusted</p>	
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		<p>average score is <70, the thesis will be considered as being disapproved. Since the time the revised thesis is disapproved, the candidate shall follow the procedure below.</p> <p>(5) Candidates who fail the oral defense, and candidates in condition (4) above, are required to revise or rewrite the thesis. The candidate shall allocate at least 1 month for the revision or rewriting. On the completion of the revision or rewriting, the candidate shall submit a written application for a second-time thesis defense along with the revised thesis, a report on the revisions, and the supervisor team's approval of the application. WISE shall review the application within 10 working days and provide review results. If the application is accepted, WISE shall organize a second oral defense in the following 25 working days. WISE does not particularly organize any third-time oral defense for any candidates. If a third-time oral defense is needed, they shall follow routine oral defenses. (Working days hereby do not include winter/summer vacations on the school calendar, and public holidays.)</p>	
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Major References and Journals (C-Compulsory; O-Optional)

No.	Title	Author	Evaluation*	Remarks(C or O)

- Evaluation ways:
1. Examination: Knowledge of references and journals to be covered on the examination;
 2. Examination on thesis proposal or comprehensive examination;
 3. Reading Report;
 4. Other specific ways.



Graduate Program for Business Administration

School	Institute for Financial&Accounting Studies	Student Type	Master & PhD				
Discipline	Business Administration	Discipline Code	1202				
Subject included	Finance (1202Z1); Accounting (120201)						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit Requirements	Master \geq <u>35</u> credits: \geq <u>31</u> credits for courses, <u>4</u> credits for other academic sections.						
	PhD \geq <u>19</u> credits: <u>15</u> credits for courses, <u>4</u> credits for other academic sections.						
Program Objectives	<p>The Institute of Financial and Accounting Studies of Xiamen University provides its candidates with an internationalized research platform, training models and curriculum systems of international business schools, and lectures and academic reports given by renowned experts from home and abroad. Candidates are expected to grasp the basic theories and literature of finance and accounting with the help of the internationalized teaching offered by the Institute of Financial and Accounting Studies. Candidates are also expected to have a good command of research methods, possess an international outlook, and improve their ability in doing research.</p> <p>This program aims to cultivate high-quality and innovative talents proficient in basic theories and research methods of finance and accounting. After the completion of the program, candidates are expected to (1) grasp the basic theories and research methods of finance and accounting, and the paradigm and frontier research of the field; (2) be of the ability to combine theories with practice, and conduct relevant theoretical researches and innovative researches; and (3) be aware of the teaching thought, teaching philosophy and teaching methods of relevant subjects so as to be competent in doing teaching and research independently.</p>						
Requirements of Research Ability and Other Aspects	<p>Candidates are required to (1) detect valuable problems for research; (2) be of the ability to do high-level research independently; (3) cooperate with others; (4) possess strong problem-solving and organizational skills and capabilities.</p> <p>Masters shall improve their research ability through courses learning and various kinds of activities. Academic papers are not a must for masters when it comes to applying for a master degree. However, masters are encouraged to publish high-quality academic papers during their study.</p> <p>PhDs are required to publish at least 1 academic paper relevant to the thesis in first-class core journals, or 2 papers relevant to their thesis in core journals. For core journals, candidates are suggested to refer to Catalogue of Core Journals of Xiamen University. Candidates are encouraged to publish academic papers in SSCI journals of finance and accounting.</p>						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks



General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	SP	C		
	000010103	Marxism and Methodology for Social Sciences	1	FA	C		
	000010201	First Foreign Language	2	FA	C		Lecture
Compulsory Courses: Master \geq <u>15</u> credits, PhD \geq <u>9</u> credits	290010001	Microeconomics I	3	FA	C		Lecture
	290010002	Microeconomics II	3	FA		C	Lecture
	290010003	Econometrics I	3	FA	C		Lecture
	290010004	Econometrics II	3	FA		C	Lecture
	290010005	Corporate Finance	3	FA	C		Lecture
	290010006	Investment	3	SP	C		Lecture
	290010007	Financial Accounting	3	FA	C		Lecture
	290010008	Accounting Theory	3	FA		C	C for Accounting Program/Seminar
	290010009	Capital Market Based Accounting Research	3	FA		C	C for Accounting Program/Seminar
290010010	Theory of Capital Market and Investment	3	SP		C	C for Finance Program/Seminar	
290010011	Corporate Finance Theory	3	SP		C	C for Finance Program/Seminar	
Optional Courses	290010022	Research Method of Finance&Accounting	2	SP	O		Lecture
	290010023	Behavioral Financial and accounting research	2	SP	O		Lecture



290010024	Time series analysis	2	SP	O		Lecture
290020012	Financial Mathematics and Modeling	2	FA	O		Lecture
290020013	SAS and Databases	2	SP	O		Lecture
290020014	The Analysis of Financial Statement	2	FA	O		Lecture
290020016	Financial Market	2	FA	O		Lecture
290020017	Accounting Information and Risk	2	SP	O		Lecture
290020018	Contracting and Accounting Information	2	SP	O		Lecture
290020025	Economics of information	2	SP	O		Lecture
290020026	Dynamic optimization theory	2	SP	O		Lecture
290030015	Advanced Financial Accounting	2	SP	O		Lecture
290030020	Taxation Planning	2	FA	O		Lecture
290030021	Corporate Governance	2	FA	O		Seminar
290030027	Security Valuation	2	SP	O		Lecture
290030028	Derivative financial products	2	SP	O		Lecture
290030029	Portfolio Marketing	2	SP	O		Lecture
290030030	Issues in International Accounting	2	FA	O		Seminar
290030035	Corporate Finance & Financial Institutions	2	FA	O		Lecture
290030036	Finance Risk Marketing	2	FA	O		Lecture
290030037	Financial market microstructure theory	2	SP	O		Lecture
290030038	Cost Accounting	2	FA	O		Lecture
290030039	Auditing	2	SP	O		Lecture
290030040	Analysis of accounting research	2	SP	O		Seminar
290030041	Topics on commercial practice of China	2	SP	O		Lecture
290030042	China Economic Studies	2	SP	O		Lecture
290030043	Seminar of finance practice	2	FA	O		Lecture
290030044	Seminar on Accounting practice	2	FA	O		Lecture
The first eight courses are optional courses shared by all programs of the school; 9-15 are designed for						



	candidates under the program of finance; 16-25 are designed for candidates under the program of accounting; 26-29 are designed for overseas candidates.			
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different disciplines.			
Other Academic Sections (C-Compulsory; O-Optional)				
Category	C or O	Credit	Requirements	Evaluation (Ways and time)
Academic Lectures	C	2	Candidates are required to attend at least 20 academic lectures including academic forums held by the school on every Friday, and other academic lectures relevant to finance and accounting. Candidates are expected to submit 3 essays about the academic lectures or forums.	
Mid-term Assessment	C for PhDs	1	1. Masters shall present a thesis proposal and take the mid-term assessment by the end of the SP of the second academic year. Those who have not presented a thesis proposal will not be allowed to conduct relevant social investigation, or apply for their master degree.	
Literature Review and Research Report				
Thesis Proposal	C		2. PhDs and candidates under the Master-PhD program shall take a comprehensive test in the third term of their PhD study. The comprehensive test includes an oral test and a written test. 70 is the passing score. In order to pass, candidates need to obtain scores ≥ 70 for both the oral and the written test. Candidates who fail are allowed to take the comprehensive test a second time. Candidates who fail twice might be transferred to the master study or be advised to quit school. For more detailed information, please refer to Regulations on PhDs' Comprehensive Test and Mid-term Shunt of the Institute of Financial and Accounting Studies of Xiamen University.	
Social Practice	C	1 credit for PhDs, 2 credits for masters	Candidates shall conduct social practice and teaching practice. Masters are required to conduct social practice, such as working as the research assistant, doing volunteering services, or conducting working practice, or doing social investigation, or doing field investigation. PhDs are required to conduct both social	



Teaching Practice	C for PhDs	1	practice and teaching practice. PhDs shall undertake teaching practice for at least 1 semester.	
Inter-Campus Communication and Exchange			Social practice counts 2 credits for masters. For PhDs, social practice counts 1 credit, and teaching practice counts 1 credit.	
Thesis	<p>1. Masters shall select a subject of great theoretical significance and/or practical value for the thesis. The Application Form for Thesis Proposal shall be submitted to the supervisor no later than the end of the fourth semester. After the application is approved by the supervisor, the candidate shall present a thesis proposal report to the teaching and research office faculty for examination. After the thesis proposal is approved, the candidate shall start the thesis writing under the guidance of the supervisor. The supervisor shall guide the candidate through the whole process of the thesis writing, including conducting social investigation, drawing an outline of the thesis, revising the first draft, etc. Conducting social investigation is a key step for thesis writing. Thus, candidates are required to submit an investigation report after completing the social investigation. Candidates who do not submit the social investigation report are not allowed to apply for a master degree. Master theses under the program of corporate management shall (1) meet academic norms and morality; (2) explore theories, methodologies, and application in corporate management; (3) combine theories with practice; (4) center around issues of academic value and application value; (5) be of 25,000-30,000 characters. The format of the thesis shall meet relevant requirements.</p> <p>2. Basic requirements for PhD thesis: (1) The basic arguments, conclusion and suggestion shall be of theoretical significance and practical value; (2) The candidate shall have had a good grasp of basic theories and expertise of the chosen field; (3) The thesis shall reflect the candidate's command of research methods and skills for the subject; (4) The thesis shall contain innovative points because innovation is the soul for the PhD thesis. The PhD thesis shall be of innovative points, namely new findings, and testified hypotheses. The thesis shall meet one of the following requirements: (1) putting forward new theories, or obtaining new or significantly improved evidences, or adopting new or significantly improved analytical methods, or building new or significantly improved analytical frameworks, or adding new or significantly improved conditions to existing conclusions.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	Journal of Accounting Research			O
2	The Accounting Review			O
3	Journal of Accounting & Economics			O
4	Contemporary Accounting Research			O
5	Review of Accounting Studies			O
6	Journal of Finance			O



7	Journal of Financial Economics			O
8	Review of Financial Studies			O
9	Journal of Financial and Quantitative Analysis			O
10	Econometrica			O
11	International Economic Review			O
12	American Economic Review			O
13	Academy of Marketing Journal			O
14	Journal of International Business Studies			O
15	Journal of Accounting Research			O

Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;
2. Examination on thesis proposal or comprehensive examination;
3. Reading Report;
4. Other specific ways.



Graduate Program for Sports Science

School	Department of Physical Education	Student Type	Master
Discipline	Sports Science	Discipline Code	0403
Subject included	Science of Physical Education and Training (040303); Science of Ethnic Traditional Sports (040304);		
Length of Study	Master_3 years;		
Credit Requirements	Master ≥ 27 credits: ≥ 21 credits for curriculum courses, ≥ 6 credits for other academic sections.		
Program Objectives	<p>This program is to cultivate candidates all-round development of morality, intelligence and fitness, enable candidates to have self-learning ability, critical thinking ability, scientific research ability to engage in teaching, training, research and marketing in physical education, sports and social fields.</p> <p>Specific requirements are as follows:</p> <ol style="list-style-type: none"> 1. Candidates should adhere to the basic principles of the Communist Party, be dedicated to the motherland, be law-abiding, be of good conducts, and strive to become talents in the service of society, be excellent in character and learning; 2. Candidates should study hard with rigorous scholarship and grasp the basic theories, special skills and scientific methods in the professional teaching and training and related disciplines. They should have wide academic knowledge and clear direction, be independently engaged in the professional research, teaching, training and marketing; 3. Candidates should master at least one foreign language, some candidates should choose one second foreign language and be able to read professional foreign materials and write abstracts in foreign languages; candidates should be able to use a computer in both English and Chinese word processing and database processing; 4. Candidates should master the teaching and training theory and methods of a special sport, and they should have a higher ability of teaching, training and competition organizing; 5. Candidates should be fit and energetic, with a spirit of sports; 6. Candidates should get to the provisions of this professional master's academic level. 		
Requirements of Research Ability and Other Aspects	<ol style="list-style-type: none"> 1. Candidates are required to update information and the latest research results of the discipline or related disciplines, and to join at least 5 seminars set up by internal and external experts, and to turn in lecture notes. Candidates are encouraged to participate in related academic activities and research activities on and out of campus, to broaden their knowledge, and to improve the ability of scientific research. 2. During the study time, candidates should publish at least one paper in journals with CN serial number as the first author or second author(supervisor as the first author), which requires more than 3000 words. Research papers are considered as a condition for the annual scholarship candidationship. 		



	3. The thesis's structure should be of standard, with innovation, of practical value, logic being clear. The thesis can be an investigation, or a high quality .research report. 4. Seminars will be held one time every two weeks. The topics will be carried on by reading, discussing, communication and lectures. Participants (not C but voluntary) should complete one research or reading report for one semester.					
Curriculum (*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)						
Category	Course Code	Course Name	Credit	Semester	Master	Remarks
General Courses: Master <u>4</u> credits	000010201	First Foreign Language	2	FA / SP	C	
	000010102	Study on the theory and practice of socialism China characteristics	1	FA / SP	C	
	000010103	Marxism and Methodology for Social Sciences	1	SP	C	
Compulsory Courses: Master <u>≥6</u> credits	250010001	Science of sports training	2	FA	C	
	250010002	Sports science research methods	2	FA	C	
	190022001	Higher education	2	FA	C	Offered by Education Research Institute
Optional Courses Master <u>≥11</u> credits (<u>≥ 2</u> Cross-major courses, <u>≥4</u> credits)	250010003	Statistics and analysis of sports--SPSS	2	FA	C	
	250010004	Physical education	2	FA	C	C for candidates of Science of Physical Education and Training
	250020005	Introduction of National Traditional Sports	2	FA	C	C for candidates of Science of Ethnic Traditional Sports
	250020006	Sports Sociology	2	SP		
	250020007	Sports Economics	2	SP		
	250020008	Sports Anthropology	2	FA		
	250020009	Traditional theory and method of health	2	FA		
	250030010	Sports special course--Golf	1	SP		
	250030011	Sports special course--Tennis	1	FA		
		Cross major elective course	2+2	FA /SP		



Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different disciplines.			
Other Academic Sections (C-Compulsory; O-Optional)				
Category	C or O	Credit	Requirements	Evaluation (Ways and time)
Academic Lectures	C	1	Candidates are required to attend at least 20 academic lectures, and submit at least 10 notes or reading reports of the lectures (note: 3,000 characters as the minimum).	Supervisors shall be in charge of the evaluation (of attendance and note/report submitted). Candidates shall submit relevant materials in the first week of the sixth semester to the Sports Department for the record.
Mid-term Assessment	C	1	To check the completion of courses and materials necessary for the thesis writing, including questionnaire design, interview outline, literature review, framework of the thesis, etc. Only those who have earned necessary course credits and have their materials approved can earn 1 credit.	Materials shall be submitted before October 10th in the last but one semester of the master study. Materials will be evaluated by experts authorized by the Committee of Postgraduates' Cultivation of Sports Department. Those who fail to submit materials in time, or have their materials disapproved by experts, will get 0 credit.
Literature Review and Research Report	C	2	<ol style="list-style-type: none"> Candidates are required to present their literature review to the authorized experts. Candidates get 0.5 credit for this part if their literature review is approved. Candidates are required to participate in academic activities organized by the Sports Department for at least 2 times by writing literature review, reading reports, academic papers, and/or investigation reports. 0.5 credit each time for candidates who pass the assessment. The total credit cannot exceed 1. Candidates are required to give a presentation on the completion of the social practice or teaching practice. 0.5 credit for candidates who pass the assessment. 	<ol style="list-style-type: none"> The presentation of literature review shall be held one month before the thesis proposal report. The presentation will be evaluated by at least 3 experts authorized by the Committee of Postgraduates' Cultivation of the Sports Department. Academic lectures will be arranged in the evenings or weekend of the 8th week of each semester. The academic report will be held each year in the middle of October. The report will be evaluated by at least 3 experts authorized by the Committee of Postgraduates' Cultivation of the Sports



				Department.
Thesis Proposal	C	0.5	Candidates shall submit their written thesis proposal (approved by the supervisor) 1 week in advance. Candidates who fail to submit the thesis proposal in time are required to take the thesis proposal examination half a year later with candidates who have their thesis proposal disapproved by the examination committee.	It is held at the end of the third semester. The examination committee is composed of at least 5 experts authorized by the Committee of Postgraduates' Cultivation of Sports Department.
Social Practice	C	0.5	Candidates shall conduct social practice such as research practice, social investigation, and activities held by the Youth League Committee of Xiamen University. The practice shall endure at least 7 days. Candidates are required to submit relevant materials before and after the practice. The social practice examined and approved by the department counts 0.5 credit.	It is organized annually in the summer semester. Candidates are required to submit an activity plan in March for review and approval, an investigation report (or a practice report) and a investigation or practice report in the first week of the following FA. All the materials submitted the Sports Department for the record shall be reviewed and approved by the leading teacher with signature.
Teaching Practice	C	1	<p>1. Being a teaching assistant. Candidates shall take charge of 1-2 courses for at least 15 weeks to accumulate a workload of at least 60 hours.</p> <p>2. Teaching practice. Candidates must teach undergraduates of Xiamen University for more than 1 year. Those who score more than 85 points for their teaching evaluation and have no teaching accidents during their teaching, can earn 0.5 credit (Candidates who have taught more than 2 years in colleges and universities, or have worked for more than 4 years, can be exempted from the teaching practice).</p>	<p>1. Candidates shall serve as a teaching assistant in their first academic year. Scores will be given according to their performance. Only those who get a score equal to or higher than the passing grade, can get 0.5 credit.</p> <p>2. Candidates shall do teaching practice in their second academic year. After the practice, candidates are expected to fill out a form, and have it signed with their instructor's name, and then submit it to the sports department. (Candidates who have applied for an exemption can participate in 2 other activities, and submit relevant reports so as to get the credit.)</p>



Inter-Campus Communication and Exchange	O	Candidates are encouraged to take opportunities provided by the university for academic exchange programs.		
Thesis		<p>1. Candidates shall allocate at least 1 year for the thesis writing. The thesis shall be completed by the candidate independently under the guidance of the supervisor or the supervisor team.</p> <p>2. Candidates shall complete a comprehensive, systematic and high-quality literature review for the thesis proposal examination. 1 week prior to the thesis proposal examination the candidate shall fill out and submit the Application Form for Thesis Proposal Examination to the examination committee members for review.</p> <p>3. Candidates need to get an average score which is ≥ 60 from all the 5 experts of the examination committee in order to pass the thesis proposal examination.</p> <p>4. Candidates shall submit written reports on the progress of the thesis writing to the supervisor regularly.</p> <p>5. Candidates shall submit the thesis on time. Only after the duplicate checking and expert review, can candidates apply for an oral thesis defense. Candidates who fail to submit the thesis in time or fail the review (blind review), are not allowed to apply for the thesis defense.</p> <p>6. Candidates who fail the thesis defense are required to apply for a second-time oral defense in the following year. Their graduation will be accordingly deferred.</p>		
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	Science of Sports Training (2000)	Maijiu Tian	Examination	C
2	Senior Tutorial Introduction of the Chinese National Traditional Sports (2003.11)	Weiliang Zhou	Covered in the thesis proposal or the comprehensive test.	C
3	Introduction of National Traditional Sports(2006.5)	Xuanhui Zhang Ed.	Reading Report	C
4	National Traditional Sports of Schools'	Zonghu Qu Ed.	Reading Report	C
5	Study on Traditional Sports Culture of Minority Nationalities	Chongjun Yao Ed.	Examination	C
6	Introduction of Anthropology	Kongshao Zhuang	Examination; covered in the thesis proposal or the comprehensive test.	C
7	Cultural Anthropology Investigation-- Correct	Nisheng Wang	Examination;	C



	Understanding of Society		covered in the thesis proposal or the comprehensive test.	
8	Sports Science Research Methods	Hansheng Huang Ed.	Examination; covered in the thesis proposal or the comprehensive test.	C
9	Curriculum Theory-- The Foundation, Principle and Problems of Courses.	Liangfang Shi	Examination	C
10	Introduction of Physical Education	The Writing Group	Examination	C
11	School Physical Education	T The Writing Group	Reading Report	C
12	Sports Sociology	Yuanchen Lu Ed.	Reading Report	C
13	Sports Sociology --Issues and Disputes	Guan Bing trans. Ed.	Reading Report	
14	Social Theory and Social Structure	Shaojie Tang trans. Merton	Examination	C
15	Chinese Culture Controversy	Zhang dainian	Covered in the thesis proposal or the comprehensive test.	C
16	Altitude Training (2007)	Wang qing	Reading Report	O
17	Theory and Practice of Sports Industry	Huping Cong	Reading Report	O
18	Sports Economics	(U.S) Ming Li Ed.	Reading Report	O
19	Introduction of Sports Industry	Keqiang Cao	Reading Report	O
20	Sports Economics	(U.S) Michael Leeds	Reading Report	O
21	Statistics of Chinese Sports and Related Industry	The sports industry, branch of China Sports Science Institute	Reading Report	O
22	Report on the Development of Chinese Sports Industry	Mingxiao Bao	Reading Report	O
23	The Development of National Traditional Sports Collections(2007.4)	Xuxu Zheng	Reading Report	O



24	Culture Review on the Development of National Traditional Sports	Gang,Wang Tiexin Wang	Reading Report	O
25	The Research on National Traditional Sports	Lu Pingsheng, Yang lansheng	Reading Report	O
26	Research on the Theory of Cultural Anthropology	Huang shupin, Gong peihua	Reading Report	O
28	How to do the field notes	Robert Emerson Ed.	Reading Report	O
29	Participant observation method	Alan Barnard	Reading Report	O
30	Sport Anthropology	Hu xiaoming	Reading Report	O
31	Research Methods of Sport Anthropology	Wang yue	Reading Report	O
32	Overview of Sports Scientific Research Methods	Yang shiyong Ed.	Reading Report	O
33	The Theory and Method of Modern Sports Science Research	Zheng qi	Reading Report	O
34	Guidelines on Writing and Submission of Sports Scientific Research Paper	Zhao jing Ed.	Reading Report	O
35	The Principle and Method of Sport Scientific Research	Chen xiaorong	Reading Report	O
36	Teaching Theory	Tian huisheng	Reading Report	O
37	Health Education	The Writing Group	Reading Report	O
38	The Sports Curriculum History	Huazhuo Wang	Reading Report	O
39	Sports Course Introduction	Qu zonghu	Reading Report	O
40	Physical Education Curriculum Reform of Elementary Education I	Qu zonghu	Reading Report	O
41	Sports Information outside the School	Qu zonghu	Reading Report	O
42	Reproduction—The Points of An Educational System Theory	Kechao Xing Trans.; Bourdieu	Reading Report	O
43	Mission and Responsibility of Education	Chuan Xiao	Reading Report	O
44	Wisdom and Passion of Education	Chuan Xiao	Reading Report	O
45	Chinese Traditional Sports Health Science	Pixiang Qiu Ed.	Reading Report	O
46	The Theory of Social Theory	Guoxun Su Ed.	Reading Report	O
47	Theory of Social Work Division	Qu dong Trans; Durkheim	Reading Report	O
48	The Structure of Social Action	Mingde Zhang	Reading Report	O



		Trans.; Parsons		
49	Sweetness and Power: Sugar's Status in the Modern History	ChaoWang Trans.; Sidney Mintz	Reading Report	O
50	World system theory research - centered on Waller, Stan	Jiang Hua	Reading Report	O
51	Absence and Fracture - the Anomie of Sociological Study	Jingdong Qu	Reading Report	O
52	The Rise of The Western World	Yiping Li Translator: Douglas	Reading Report	O
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Mathematics

School	School of Mathematical Sciences	Student Type	Master & PhD
Discipline	Mathematics	Discipline Code	070100
Subject included	Fundamental Mathematics(070101);Computational Mathematics(070102);Probability Theory & Mathematical Statistic(070103); Applied Mathematics(070104); Operational Research and Cybernetics(070105); Computational Science(99J8)		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit	Master \geq <u>22</u> credits: \geq <u>20</u> credits for courses, <u>2</u> credits for other academic sections.		
Requirements	PhD \geq <u>12</u> credits: \geq <u>10</u> credits for courses, <u>2</u> credits for other academic sections.		
Program Objectives	<ol style="list-style-type: none"> 1. Candidates are required to grasp the basic principles of Marxism and the basic theories of socialist construction, to be dedicated to the motherland, to observe laws and principles, and to be righteous and willing to strive for China's modernization; 2. Candidates are expected to be equipped with basic theories of mathematics, and systematic and in-depth specialized knowledge of relevant fields; 3. Candidates are required to be of the ability to do scientific research independently, and achieve great outcomes of theoretical or practical significance in their chosen field; 4. Candidates are expected to be proficient in at least one foreign language, and be of the ability to read literature written in the foreign language; 5. Candidates are expected to be healthy mentally and physically. 		
Requirements of Research Ability and Other Aspects	<ol style="list-style-type: none"> 1. To obtain a degree, masters must (1) solidly grasp basic theories and concepts of mathematics, and at least one foreign language; (2) acquaint themselves with the contents, thoughts and methods of modern mathematics, and its international frontier issues and advanced methodologies; (3) equip themselves with the ability to do innovative scientific research; (4) be competent in analyzing, solving problems with mathematical methods, and dealing with theoretical or application projects. Candidates are encouraged to publish academic papers. 2. To obtain a doctoral degree, PhDs must (1) solidly grasp basic theories and concepts of mathematics, and at least one foreign language; (2) equip themselves with specialized knowledge of their chosen field; (3) master knowledge of a wide range of issues and be able to observe things from an international perspective; (4) acquaint themselves with the contents, thoughts and methods of modern mathematics, and its international frontier issues and advanced methodologies; (5) be eligible for doing researches on mathematics and the relevant subjects, and achieving innovative outcomes. <p>PhDs are also required to publish first-author (or corresponding-author) academic papers with Xiamen University as the first-author affixation, and meet one of the following requirements:</p>		



	(1) To publish at least 2 academic papers relevant to the thesis in domestic top journals or same-level international journals (not inclusive of supplements, special issues, and albums), and one of the 2 must be accepted by SCI (only the letter of acceptance is required) journals , but SCI journals can be replaced with EI publications; (2) To publish 1 academic paper (only the letter of acceptance is required) relevant to the thesis in JCR2 journals or higher-level journals, or academic publications of mathematics (do not include supplements, special issues, or albums).						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2			C	
	000010201	Study on the Theory and Practice of Socialism with Chinese Characteristics	1		C	O	
	000010102	Nature Dialectics	1		C	O	
	000010104	First Foreign Language	2		C		
Compulsory Courses: Master <u>≥12</u> credits, PhD <u>≥ 6</u> credits	080010001	Real Analysis and Functional Analysis	3	FA	C		
	080020002	Algebra	3	FA			C for FM masters
	080020003	Advance Probability Theory	3	FA			C for PT&MS masters
	080020004	Applied Numerical Linear Algebra	3	SP			C for CM masters
	080020005	Advanced Mathematical Statistics	3	SP			C for PT&MS masters
	080020006	Graph Theory	3	FA			C for AM masters
	080020007	Numerical Analysis of Partial Differential Equations	3	FA			C for CM masters
	080020008	Partial Differential Equations	3	SP			C for AM masters
	080020009	Algebraic Topology	3	SP			C for FM masters
	080020010	Differential Geometry	3	SP			C for FM masters
	080020011	Advanced Numerical Analysis	3	FA			C for CM masters
	080020012	Stochastic Processes	3	SP			C for PT&MS masters



	080020013	Operational Research and Optimization	3	SP			C for AM &ORC masters
Optional Courses	080030014	Finite group theory	2	FA			
	080030015	Character theory of finite groups	2	FA			
	080030016	Modular representation of group theory	2	SP			
	080030017	Approximation Theory	2	FA			
	080030018	Approximation of Operators of Probabilistic Type	2	SP			
	080030019	Computational Geometry	2	FA			
	080030020	Geometric Nonlinear Analysis	2	FA			
	080030021	Convex Analysis and Geometry of Infinite Dimensions	2	FA			
	080030022	Topology	2	FA			
	080030023	Dynamical System	2	SP			
	080030024	Triangulated and derived categories	2	FA			
	080030025	Representation theory of finite dimensional algebras	2	SP			
	080030026	Nonlinear Analysis and Semilinear Elliptic Equations	2	FA			
	080030027	Critical Point Theory and Variational Methods	2	SP			
	080030028	The structure theory of Kac-Moody Lie algebras	2	FA			
	080030029	The representations of Kac-Moody Lie algebras	2	SP			
	080030030	Vertex operator algebras and their representations	2	SP			
	080030031	Theory of Singular Integrals	2	FA			
	080030032	Fourier analysis	2	SP			
	080030033	Theory of Function Spaces	2	FA			
080030034	Several Complex Variables	2	FA				
080030035	Complex Geometry	2	FA				



080030036	Complex Finsler Geometry	2	SP			
080030037	Integral Representation Theory in Several Complex Variables	2	SP			
080030038	Hyperbolic partial differential equations	2	FA			
080030039	Calculus of Variations	2	SP			
080030040	Cryptography---Theory and Practice	2	FA			
080030041	Finite fields and its application	2	FA			
080030042	Mathematic basis for Information Safty	2	SP			
080030043	Computational fluids dynamics	2	SP			
080030044	High-order numerical methods	2	FA			
080030045	Applied Numerical Algebra	2	FA			
080030046	Matrix Computations and Differential Manifolds	2	FA			
080030047	Curves and Surfaces Modeling	2	SP			
080030048	Financial Time Series Analysis	2	FA			
080030049	Mathematical Finance	2	FA			
080030050	Nonparametric and Semiparametric Models	2	FA			
080030051	Generalized Latent Variable Models	2	SP			
080030052	Applied Stochastic Processes	2	SP			
080030053	Modern Actuarial Risk Theory	2	FA			
080030054	Quantitative Risk Marketing	2	SP			
080030055	Introduction to Mathematic Finance	2	FA			
080030056	Finanical Engineering: theory and applications	2	SP			
080030057	Advance non-life actuarial science: Statistical Methods and Insurance Data Analysis	2	SP			
080030058	Linear Models	2	FA			
080030059	Multivariate Analysis	2	FA			



	080030060	Bayesian Analysis	2	SP			
	080030061	statistical computing	2	SP			
	080030062	Modern Graph Theory	2	FA			
	080030063	Algebraic Combinatorics	2	FA			
	080030064	Stochastic Partial Differential Equations	2	SP			
	080030065	Algorithm Design and Analysis	2	FA			
	080030066	Nonsmooth Optimization	2	SP			
	080030067	Convex Analysis	2	FA			
	080030068	Combinatorial Optimization	2	SP			
	080030069	Computational Complexity	2	SP			
	080030070	Electromagnetics	2	SP			
	080030071	Introduction to Parallel Computing	2	FA			
	080020072	Scientific Computing	2	SP			
	080020073	Continuum Mechanics	2	FA			
	080020074	Special report	2	SP			
	080020075	Selected papers	2	SP			
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different disciplines.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	1	Candidates are required to attend at least 30 academic lectures. PhDs are encouraged to deliver academic reports for at least one time.	Both masters and PhDs are required to submit the attendance record. Candidates having attended 30 lectures get 1 credit.			
Mid-term Assessment	C for PhDs	1	In the first academic year, PhDs shall select 2 courses out of 13 core courses designated by the school for their middle-term assessment. The assessment is a written test.	The written test will be held twice in one academic year, one in SP, and the other in FA.			
Teaching Practice	C	1	Masters shall work as the teaching assistant for undergraduate courses for at least 2 semesters. PhDs shall work as the teaching assistant for undergraduate or master courses for at least 1 semester.	The teaching practice is evaluated in the fifth semester. It counts 1 credit.			



Thesis	The thesis shall meet relevant requirements concerning academic standards and significance, and innovative contributions.			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Physics

School	School of Physics and Mechanical & Electrical Engineering	Student Type	Master & PhD				
Discipline	Physics	Discipline Code	0702				
Subject included	Theoretical Physics (070201); Condensed Matter Physics(070205); Optics(070207); Biophysics and Soft Matter(0702Z1)						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit Requirements	Master ≥ 23 credits: ≥ 20 credits for courses, <u>3</u> credits for other academic sections.						
	PhD ≥ 12 credits: ≥ 8 credits for courses, <u>4</u> credits for other academic sections.						
Program Objectives	<p>This program aims to cultivate high-quality professional talents in physics research and technology development. Detailed objectives are as follows:</p> <ol style="list-style-type: none"> 1. To adhere to the Party's basic line for the entire historical period of socialism; to be dedicated to the motherland and abide by its laws and disciplines; to be of a high level of integrity and trust; to be healthy physically and mentally; to conform to academic norms; 2. To grasp basic theories and concepts of physics, and experiment skills; to have knowledge of a relatively wide range of fields; to be of the ability to do scientific researches or deal with practical issues independently; 3. To be equipped with the ability to conduct academic research and communication in at least one foreign language. 						
Requirements of Research Ability and Other Aspects	<ol style="list-style-type: none"> 1. To be rigorous, realistic, practical, diligent, innovative and cooperative; 2. To be equipped with a scientific mindset, basic theories and research methods of physics, and the ability to solve scientific and technical problems; 3. To conform to professional ethics, academic norms and confidentiality provisions; to acquaint themselves with intellectual property rights; to be aspirant and devoted, and able to deal with the relationship among nation, community and individual; 4. To be healthy mentally and physically, and adjustable to environment changes; to lay stress on the combination of humanistic spirit and scientific spirit; to possess an optimistic attitude towards life and failures. 						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses:	000010101	China's Marxism and Contemporary	2	FA		C	



Master <u>4</u> credits, PhD <u>2</u> credits	000010201	First foreign language	2	SP/FA	C		
	000010102	Study on theory and practice of socialism with Chinese characteristics	1	SP/FA	C		
	000010104	Dialectics of nature	1	FA	C		
Compulsory Courses: Master ≥ 7 credits, PhD ≥ 1 credit	090110001	Advanced Quantum Mechanics	3	FA	C	O	
	090110002	Mathematical Methods for Physicists	3	FA	C	O	
	090010003	Literature Search and Technology Thesis Writing	1	SP	C	C	
Optional Courses	090120001	Introduction to Condensed Matter Physics	3	FA	O	O	
	090120002	Advanced Optics	3	FA	O	O	
	090120003	Biophysics and Soft Matter	2	SP	O	O	
	090130001	Numerical Calculation Method in Theoretical Physics	2	SP	O	O	
	090130002	Advanced Statistical Physics	3	SP	O	O	
	090130003	Energy Materials	3	SP	O	O	
	090130004	Field Theory & Critical Phenomena	3	FA	O	O	
	090130005	Introduction to Complex Systems	3	FA	O	O	
	090130006	Nanophotonics	2	SP	O	O	
	090130007	Theory of Engineering for Thermal Energy and Power	3	SP	O	O	
	090130008	The Modern Theory of Magnetism	3	FA	O	O	
	090130009	Frontier of Soft Condensed Matter Physics	3	FA	O	O	
	090130010	Modern Thermodynamic Theory	3	FA	O	O	
	090130011	Advanced Statistical Mechanics	3	SP	O	O	
	090130012	Defects and Geometry in Condensed Matter Physics	3	SP	O	O	
090130013	Nonlinear Dynamics	2	FA	O	O		
090130014	Advanced Materials and Material Design	3	FA	O	O		
090130015	Wide Band Semiconductor Devices and Fabrication	3	SP	O	O		



090130016	Nuclear Structure	3	SP	O	O	
090130017	Theoretical Condensed Matter Physics (II)	3	FA	O	O	
090130018	The Modern Theory of Magnetism	3	FA	O	O	
090130019	Low Dimensional Nanomaterials Literature Reading and Reviewing	3	SP	O	O	
090130020	Physics of Semiconductor Heterostructures	3	FA	O	O	
090130021	Fundamentals of Plasma Physics and Nuclear Fusion	2	SP	O	O	
090130022	The Optical Properties of Low-dimensional Semiconductor	3	FA	O	O	
090130023	Complex Adaptive Systems	3	SP	O	O	
090130024	Processing and Structure Characterization of Nanomaterials	3	FA	O	O	
090130025	Surface Plasmon Photonics	3	FA	O	O	
090130026	The Foundation Transport Theory	3	FA	O	O	
090130027	Micro/Nano Optoelectronic Materials and Devices	3	FA	O	O	
090130028	Optical Waveguide Based on Si Technology	3	SP	O	O	
090130029	Laser Physics	3	SP	O	O	
090130030	Advanced Topics in Micro/Nano-Photonic	3	SP	O	O	
090130031	The Growths of Semiconductors	3	FA	O	O	
090130032	Semiconductor Laser Theory	3	FA	O	O	
090130033	Laser Spectroscopy	2	FA	O	O	
090130034	Nonlinear Optics	2	SP	O	O	
090130035	Optical Holography and Information Processing	2	FA	O	O	
090130036	Applied Optics	2	SP	O	O	
090130037	Si Semiconductor Materials and Devices	2	SP	O	O	



090130038	An Introduction of Optoelectronic Materials and Applications	3	SP	O	O	
090130039	Special Topics on Nonequilibrium Statistical Physics	2	FA	O	O	
090130040	Optoelectronic Properties of Semiconductors	2	SP	O	O	
090130041	Defects in Semiconductors	2	FA	O	O	
090130042	Growth and Fabrication of Low Dimensional Nanostructure	2	FA	O	O	
090130043	Optoelectronics and Photonics	2	FA	O	O	
090130044	Polymer Physics	2	SP	O	O	
090130045	Quantum Electronics	3	SP	O	O	
090130046	Quantum Statistical Physics	3	SP	O	O	
090130047	Surface Science	2	FA	O	O	
090130048	Physics of Magnetism and Magnetic Materials	2	SP	O	O	
090130049	Ab Initio Calculations of Physical Properties of Materials	2	SP	O	O	
090130050	Property and Application of Preparation of Low Dimensional Semiconductor Structures	2	SP	O	O	
090130051	The design of Nonlinear Material	2	FA	O	O	
090130052	Advanced Engineering Thermodynamics	2	FA	O	O	
090130053	Silicon-based Optoelectronic Devices and Technology	2	SP	O	O	
090130054	Wide Band Semiconductor and Application	2	SP	O	O	
090130055	Quantum Information Science	2	FA	O	O	
090130056	Special Topics for Nanoscience and Nanotechnology Frontiers	2	SP	O	O	
090130057	Quantum Nonlinear Dynamics	2	SP	O	O	
090130058	Numerical Analysis and Computational Physics	2	SP	O	O	



090130059	Finite Time Thermodynamics	2	SP	O	O	
090130060	Nuclear	2	SP	O	O	
090130061	Modern Experimental Method-The Photoelectric Properties of Semiconductor Materials and Devices	2	SP	O	O	
090130062	Modern Experimental Method -Materials Growth and Characterization	1	SP	O	O	
090130063	Modern Experimental Method -The Process of Semiconductor Device	1	SP	O	O	
090130064	General Astrophysics	3	SP	O	O	
090130065	Observational Astronomy	3	FA	O	O	
090130066	The Radiation Mechanism in Astrophysics	2	SP	O	O	
090130067	High Energy Astrophysics	2	FA	O	O	
090130068	Computational Astrophysics	2	SP	O	O	
090130069	Nuclear Astrophysics	2	SP	O	O	
090130070	Particle Astrophysics and cosmology	2	SP	O	O	
090130071	Frontier of Astrophysics	2	FA	O	O	
090130072	Galaxies and Cosmology	2	SP	O	O	
090130073	Theory of Black Hole Accretion Disks	2	SP	O	O	
090130074	Star Formation	2	FA	O	O	
090130075	Stellar Structure and Evolution	2	FA	O	O	
090130076	Astrophysical literature reading	2	SP	O	O	
090130077	Quantum Field Theory	2	FA	O	O	
090130078	General Relativity	2	FA	O	O	
090420001	Semiconductor Physics and Devices	3	SP	O	O	
090430033	LED and Photovoltaic System	2	FA	O	O	



Other Requirements	<p>1. For courses selection, supervisors are required to provide necessary advice and suggestions; courses selected by candidates shall be approved by the supervisor.</p> <p>2. Candidates shall select at least 1 cross-disciplinary course, but the maximum credit they can earn is 4.</p> <p>3. PhDs under the program of Master-PhD can be exempted from politics theory courses during their doctoral studies, but the credits short can be filled with other optional courses.</p> <p>4. PhDs enrolled from other majors or other colleges and universities must take the compulsory courses, among which candidates can apply for an exemption for courses which they have already completed with their school report card, and replace them with other courses.</p>			
Other Academic Sections (C-Compulsory; O-Optional)				
Category	C or O	Credit	Requirements	Evaluation (Ways and time)
Academic Lectures	C	0.5	Masters shall attend at least 10 academic activities organized by the school or the university; PhDs shall attend at least 15 academic activities.	Candidates are required to write a report with about 800 characters for each activity they attend. The report shall cover the following elements: when, where, who (keynote speaker) and what (topic), and his/her own opinions about the topic, and the inspiration he/she gets from the academic activity.
Mid-term Assessment	C for PhDs	1	The assessment committee together with the candidate's supervisor will examine his/her PhD study and test scores. Candidates' research ability is also considered. The thesis proposal is examined as well.	The mid-term assessment is usually held in the last month of the third semester, and PhDs are required to report to the assessment committee with a PPT. Those who get a "Pass" for the assessment are allowed to enter into the thesis writing phase.
Literature Review and Research Report	C	0.5	<p>Masters shall deliver at least 4 academic reports and/or progress reports on the thesis writing to the supervisor's research team.</p> <p>PhDs shall deliver at least 6 academic reports and/or progress reports on thesis writing to the supervisor's research team.</p> <p>PhDs shall present a comprehensive report on</p>	The assessment is conducted by the supervisor committee and reported to the teaching secretary for the record.



			the field they study and the thesis prior to the thesis defense.	
Thesis Proposal	C	1	<p>1. The thesis proposal shall include: the source of the subject, the purpose and the significance of the research, an analysis of the status quo of the research and its development trend at home and abroad, main points of the thesis, research program and scheduling, expected results, and conditions and fund needed, potential obstacles and problems and solutions, and main references.</p> <p>2. The thesis proposal examination shall be organized publicly for candidates of the same program. Candidates shall submit before the examination the literature review to the examination committee for examination and approval. Candidates who change their thesis subject shall apply for the thesis proposal examination for the new subject on the condition that the change is warranted.</p> <p>3. Prior to the application for a thesis defense, candidates must take the thesis proposal examination. There must be at least one complete semester between the semester when the thesis proposal examination is held and the semester when the thesis defense is held.</p>	<p>1. The thesis proposal examination is usually organized in the third semester.</p> <p>2. The examination committee is usually composed of 3-5 supervisors. If there involve cross-discipline subjects, experts from other disciplines shall be invited.</p>
Social Praticce	C (1 out of the 2)	1	Under the guidance of the supervisor, candidates shall participate in scientific research training or engineering practice organized by the college, the institute, and/or the supervisor.	On the completion of the social practice and/or the teaching practice, candidates are required to fill out the Report on Social Practice of Postgraduates of Xiamen University. The report on social practice shall be examined and approved by the leading teacher with signature. The report
Teaching Practice			Candidates shall work as the teaching assistant to the supervisor. The teaching practice can be instructing exercises, correcting and marking assignments, and	



			instructing undergraduates' graduation projects under the guidance of the supervisor. Accumulated work load shall be at least 32 hours.	on teaching practice shall be examined and approved by the supervisor with signature. The report shall be submitted to the college for the record. The practice counts 1 credit.
Inter-Campus Communication and Exchange	C for PhDs	1	PhDs shall attend more than 1 international academic conference.	It shall be evaluated by the supervisor team and the results shall be submitted to the teaching secretary for the record.
Thesis	<p>1. Under the guidance of the supervisor, the candidate shall complete the thesis writing independently.</p> <p>2. A systematic and complete thesis shall include: abstracts in Chinese and English, source of the subject, its development at home and abroad, theoretical analyses, experiments and calculations, research results, references, etc. The thesis shall be concise with a correct argument and reliable data. It shall be innovative in its theoretical analyses, computing methods, experiment techniques, devices, techniques, etc.</p> <p>3. Masters shall allocate at least 1 year for the thesis writing, and PhDs at least 2 years. The thesis shall display the candidate's ability in solving problems with relevant theories, methods, and technological methods, and the grasp of basic theories and specialize knowledge.</p> <p>4. The thesis defense. Prior to the thesis defense, candidates shall take the mock viva organized within the supervisor's research team and make corresponding revisions and improvements. The thesis defense shall be carried out according to the Regulations on Postgraduates' Degree Application and Thesis Defense of Xiamen University.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	Principles of Optics	M.Born		O
2	Numerical Analysis	R. L. Burden and J. D. Faires		O
3	群论及其在固体物理中的应用	徐婉棠、喀兴林		O
4	凝聚态物理学 I、II	冯端、金国钧		O
5	Modern Semiconductor Device Physics	S.M. Sze, John Wiley & Sons		O
6	半导体物理学	叶良修		O
7	Science			O
8	Nature			O



9	Phys. Rev. Lett.			O
Evaluation ways: Covered in the thesis proposal or on the comprehensive examination.				



Graduate Program for Mechanical Engineering

School	School of Physics and Mechanical & Electrical Engineering	Student Type	Master & PhD
Discipline	Mechanical Engineering	Discipline Code	0802
Subject included	Mechanical Manufacture and Automation (080201); Mechatronic Engineering (080202); Mechanical Design and Theory (080203); Vehicle Engineering (080204)		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit	Master ≥ 23 credits: ≥ 20 credits for courses, <u>3</u> credits for other academic sections.		
Requirements	PhD ≥ 12 credits: ≥ 8 credits for courses, <u>4</u> credits for other academic sections.		
Program Objects	<p>This program aims to cultivate high-quality, innovative, and professional talents (1) being dedicated to their motherland; (2) upholding the leadership of the Communist Party of China and socialist system; (3) being willing to strive for China's modernization; (4) having a good grasp of the basic theories and specialized knowledge of mechanical engineering; and (5) being eligible for doing scientific research, teaching, managing, and undertaking technical tasks.</p> <p>Masters are expected to:</p> <ol style="list-style-type: none"> (1) grasp the basic theories and specialized knowledge of mechanical engineering; (2) be of the ability to do scientific research and solve practical problems; (3) be of the ability to conduct researches and academic communications in at least one foreign language. <p>PhDs are expected to:</p> <ol style="list-style-type: none"> (1) grasp the basic theories and specialized knowledge systematically and proudly; (2) be of the ability to conduct scientific researches independently and creatively; (3) be of the ability to see things from an international perspective and engage in international academic exchanges fluently. 		
Requirements of Research Ability and Other Aspects	<p>Masters and PhDs are required to:</p> <ol style="list-style-type: none"> 1. complete all the courses prescribed, and grasp the basic theories of and specialized knowledge about mechanical engineering; 2. be proficient in at least one foreign language, writing academic papers and conducting international communication; 3. complete publication tasks (for degree application) designated by the academic degree committee of the school; 4. be of the ability to do scientific research or engineering design with high-technology in the field of mechanical engineering, and be eligible for teaching, doing research, and managing in its relevant fields. 		



Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	The First Foreign Language	2	FA/SP	C	O	
	000010102	Study on theory and practice of socialism with Chinese characteristics	1	FA/SP	C	O	
	000010104	Dialectics of Nature	1	FA	C	O	
Compulsory Courses: Master <u>≥ 9</u> credits, PhD <u>≥ 1</u> credit	090010001	Numerical Analysis	3	FA	C	O	
	090210001	Modern Control Theory	3	FA	C	O	
	090210002	Frontiers of Mechanical Engineering	2	SP	C	O	
	090010003	Literature Retrieval and English Writing for Science and Technology	1	SP	C	C	
Optional Courses	090010002	Matrix Theory	3	FA	O	O	
	090220001	Mathematical Statistics	2	FA	O	O	
	090220002	Experimental Design and Data Analysis	1	FA	O	O	
	090220003	Nonlinear Analysis	2	FA	O	O	
	090220004	Intelligent Information Processing	2	FA	O	O	
	090220005	Intelligent Control Theory	2	FA	O	O	
	090320002	Mechanical Vibration Theory	2	FA	O	O	
	090330006	Computational Fluid Dynamics and Applications	2	SP	O	O	
	090220006	Experiments of Computer Control System	2	SP	O	O	
	090220007	Modal Analysis and System Identification	2	FA	O	O	
090230001	Modern Manufactory Technology	2	FA	O	O		



090230002	Numerical Control Technology	2	FA	O	O	
090230003	High Speed Cutting Technology and Application	2	SP	O	O	
090230004	Differential Geometry and Complex Surface Modeling	2	SP	O	O	
090230005	Manufacturing Systems Engineering	2	FA	O	O	
090230006	Digital Design and Manufacture	2	SP	O	O	
090230007	Design and Manufacture of High Precision Optics	2	FA	O	O	
090230008	Robotics	2	SP	O	O	
090230009	Finite Element Analysis	2	FA	O	O	
090230010	Modern Design Methodology	2	FA	O	O	
090230011	Optimization of Mechanical Design	2	FA	O	O	
090230012	Mechanism Analysis and Synthesis	2	SP	O	O	
090230013	Computational Geometry	2	SP	O	O	
090230014	Theory and Analysis of Mechanical Reliability	2	FA	O	O	
090230015	Electro-Hydraulic Control Technology and Its Application	2	SP	O	O	
090230016	Design and Technology of Micro-electromechanical System	2	SP	O	O	
090230017	Detection and Analysis of Micro-Nano Technology	2	SP	O	O	
090230018	Microfluid and Its application	2	FA	O	O	
090230019	Condition Monitoring and Fault Detection	2	SP	O	O	



	090230020	Vehicle Dynamics	2	FA	O	O	
	090230021	Introduction of Vehicle and Its Power System	2	SP	O	O	
Other Requirements	<p>1. For courses selection, supervisors are required to provide necessary advice and suggestions; courses selected by postgraduates must be approved by the supervisor.</p> <p>2. Candidates shall select at least 1 cross-disciplinary course, but the maximum credit they can earn is 4.</p> <p>3. PhDs under the program of Master-PhD can be exempted from politics theory courses during their doctoral studies, but the credits short can be filled by selecting other optional courses.</p> <p>4. PhDs enrolled from other majors or other colleges and universities must take the compulsory courses, among which candidates can apply for an exemption for courses which they have already completed with their school report card, and replace them with other courses.</p>						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	0.5	Masters shall attend at least 10 academic activities organized by the school or the university; PhDs shall attend at least 15 academic activities.	Candidates are required to write a report with about 800 characters for each activity they attend. The report shall cover the following elements: when, where, who (keynote speaker) and what (topic), and his/her own opinions about the topic, and the inspiration he/she gets from the academic activity.			
Mid-term Assessment	C for PhDs	1	The assessment committee together with the candidate's supervisor will examine his/her doctoral study and test scores. Candidates' research ability is also considered. The thesis proposal is evaluated as well.	The mid-term assessment is usually held in the last month of the third semester, and PhDs are required to report to the assessment committee with a PPT. Those who get a "Pass" for the assessment are allowed to enter into the thesis writing phase.			
Literature Review and Research	C	0.5	Masters shall deliver at least 4 academic reports and/or progress reports on thesis writing to the supervisor's research team.	The assessment shall be conducted by the supervisor committee and reported to the			



Report			<p>PhDs shall deliver at least 6 academic reports and/or progress reports on thesis writing to the supervisor's research team.</p> <p>PhDs shall present a comprehensive report on the field they study and the thesis prior to the thesis defense.</p>	teaching secretary for the record.
Thesis Proposal	C	1	<p>1. Thesis proposal shall include: the source of the subject, the purpose and the significance of the research, an analysis of the status quo of the research and its development trend at home and abroad, main points of the thesis, research program and scheduling, expected results, and conditions and fund needed, potential obstacles and problems and solutions, and main references.</p> <p>2. The thesis proposal examination shall be organized publicly for candidates of the same program. Candidates shall submit before the examination the literature review to the examination committee for examination and approval. Candidates who change their thesis subject shall apply for the thesis proposal examination for the new subject on the condition that the change is warranted.</p> <p>3. Prior to the application for a thesis defense, candidates must take the thesis proposal examination. There must be at least one complete semester between the semester when the thesis proposal examination is held and the semester when the thesis defense is held.</p>	<p>1.The thesis proposal examination is usually organized in the third semester.</p> <p>2. The examination committee is usually composed of 3-5 supervisors. If there involve cross-discipline subjects, experts from other disciplines shall be invited.</p>
Social Practice	C for masters (1 out of the 2)	1	Under the guidance of the supervisor, candidates shall participate in scientific research training or engineering practice organized by the college, the institute, and/or the supervisor.	On the completion of the social practice and/or the teaching practice, candidates are required to fill out the Report on Social



Teaching Practice			Candidates shall work as the teaching assistant to the supervisor. The teaching practice can be instructing exercises, correcting and marking assignments, and instructing undergraduates' graduation projects under the guidance of the supervisor. Accumulated work load shall be at least 32 hours. shall be no less than 32 hours.	Practice of Postgraduates of Xiamen University. The report on social practice shall be examined and approved by the leading teacher with signature. The report on teaching practice shall be examined and approved by the supervisor with signature. The report shall be submitted to the college for the record. The practice counts 1 credit.
Inter-Campus Communication and Exchange	C for PhDs	1	PhDs shall attend more than 1 international academic conference.	It shall be evaluated by the supervisor team and the results shall be submitted to the teaching secretary for the record.
Thesis	<ol style="list-style-type: none"> 1. Under the guidance of the supervisor, the candidate shall complete the thesis writing independently. 2. A systematic and complete thesis shall include: abstracts in Chinese and English, source of the subject, its development at home and abroad, theoretical analyses, experiments and calculations, research results, references, etc. The thesis shall be concise with a correct argument and reliable data. It shall be innovative in its theoretical analyses, computing methods, experiment techniques, devices, techniques, etc. 3. Masters shall allocate at least 1 year for the thesis writing, and PhDs at least 2 years. The thesis shall display the candidate's ability in solving problems with relevant theories, methods, and technological methods, and the grasp of basic theories and specialize knowledge. 4. The thesis defense. Prior to the thesis defense, candidates shall take the mock viva organized within the supervisor's research team and make corresponding revisions and improvements. The thesis defense shall be carried out according to the Regulations on Postgraduates' Degree Application and Thesis Defense of Xiamen University. 			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	Chinese Journal of Mechanical Engineering	Chinese mechanical engineering society	Examination on thesis proposal or comprehensive examination	O
2	China Mechanical Engineering	Chinese mechanical engineering society	Examination on thesis proposal or comprehensive examination	O
3	Journal of Vibration Engineering	Chinese Society For Vibration Engineering	Examination on thesis proposal or comprehensive examination	O



Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;

2. Examination on thesis proposal or comprehensive examination;

3. Reading Report;

4. Other specific ways.



Graduate Program for Instrument Science and Technology

School	School of Physics and Mechanical & Electrical Engineer	Student Type	Master & PhD
Discipline	Instrument Science and Technology	Discipline Code	0804
Subject included	Precision Instrument and Machinery (080401); Measurement Technology and Instrumentation (080402); Electrical Testing Technology and Instrumentation (0804Z1)		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit	Master ≥ 23 credits: ≥ 20 credits for courses, <u>3</u> credits for other academic sections.		
Requirements	PhD ≥ 12 credits: ≥ 8 credits for courses, <u>4</u> credits for other academic sections.		
Program Objectives	<p>1. This program aims to cultivate high-quality, innovative, and professional talents (1) having a good command of Marxism-Leninism, Mao Zedong Thought and Deng Xiaoping Thought; (2) adhering to the Four Basic Principles and support the reform and opening-up policy; (3) being dedicated to their motherland; (4) upholding the leadership of the Communist Party of China and socialist system; (5) being willing to strive for China's modernization; (6) having a good grasp of the basic theories and specialized knowledge of mechanical engineering; and (7) being eligible for doing scientific research, teaching, managing, and undertaking technical tasks.</p> <p>2. Candidates are expected to (1) grasp basic theories and specialized knowledge of instrument science and technology; (2) be fully aware of the development of their chosen field, and its research front at home and abroad; (3) be competent in conducting theoretical and experiential research; (4) be of the ability to detect, analyze and solve problems; (5) be proficient in at least one foreign language and can read relevant literature written in the foreign language; (6) do well in academic writing and academic exchanges; and (7) be eligible for doing research, teaching, managing in the field of instrument science and technology and its relevant fields.</p> <p>3. This program aims to cultivate high-quality professionals proficient in researching, teaching, engineering application, and developing technology in the field of precision instrument, precision optical machinery, measurement technology, testing and sensor technology, scientific instruments, optical-mechanical-electric technology and industrial automation.</p> <p>Masters are expected to:</p> <p>(1) grasp the basic theories and specialized knowledge of mechanical engineering.;</p> <p>(2) be of the ability to do scientific research and solve practical problems.;</p> <p>(3) be of the ability to conduct researches and academic communications in at least one foreign language.</p>		



	PhDs are expected to: (1) grasp the basic theories and specialized knowledge systematically and proudly; (2) be of the ability to conduct scientific researches independently and creatively; (3) be of the ability to see things from an international perspective and engage in international academic exchanges fluently.						
Requirements of Research Ability and Other Aspects	Masters and PhDs are required to: 1. complete all the courses prescribed, and grasp the basic theories of and specialized knowledge about mechanical engineering. 2. be proficient in at least one foreign language, writing academic papers and conducting international communication. 3. complete publication tasks (for degree application) designated by the academic degree committee of the school. 4. be of the ability to do scientific research or engineering design with high-technology in the field of instrument science and technology, and be eligible for teaching, researching, and managing in its relevant fields.						
Curriculum (*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First foreign language	2	FA\SP	C	O	
	000010102	Study on theory and practice of socialism with Chinese characteristics	1	FA\SP	C	O	
	000010104	Dialectics of nature	1	FA	C	O	
Compulsory Courses: Master ≥ 2 credits, PhD ≥ 1 credit	090010001	Numerical Analysis	3	FA	C	O	
	090210001	Modern control theory	3	FA	C	O	
	090210003	Instrument Science and technology frontier	2	SP	C	O	
	090010003	Literature retrieval and Scientific writing in English	1	SP	C	C	
Optional Courses	090010002	Matrix Theory	3	FA	O	O	
	090220006	The computer control system experiment	2	SP	O	O	
	090220007	Modal analysis and system identification	2	FA	O	O	



	090220008	Electro optical technology	2	FA	O	O	
	090220009	Modern sensor technology	2	FA	O	O	
	090220010	Modern optics	2	FA	O	O	
	090220011	The precise detection technology	2	FA	O	O	
	090230007	Design and manufacture of high precision optical	2	FA	O	O	
	090230009	finite element analysis	2	FA	O	O	
	090230016	Micro electromechanical system design and process	2	FA	O	O	
	090230017	Micro nano detection and analysis technology	2	FA	O	O	
	090230018	Micro fluid and its application	2	SP	O	O	
	090230019	Condition monitoring and fault detection	2	SP	O	O	
	090230020	Advanced artificial intelligence	2	FA	O	O	
	090230021	Advanced Software Engineering	2	FA	O	O	
	090230022	Machine vision and application	2	FA	O	O	
	090230023	Weak signal detection	2	SP	O	O	
	090230024	Advanced power electronics	2	FA	O	O	
	090230025	Analysis instrument Introduction	2	FA	O	O	
	090230026	CMOS circuit design	2	FA	O	O	
	090230027	Integrated optoelectronics	2	FA	O	O	
	090230028	Instrument and meter electronics	2	SP	O	O	
	090230029	Power system planning	2	SP	O	O	
	090230030	Biomedical measurement and instrument	2	FA	O	O	
	090230031	The design of embedded system	2	SP	O	O	
	090230032	Signal analysis and processing test	2	SP	O	O	
Other Requirements	<p>1. For courses selection, supervisors are required to provide necessary advice and suggestions; courses selected by postgraduates must be approved by the supervisor.</p> <p>2. Postgraduates must select at least 1 cross-disciplinary course, but the maximum credit they can earn is 4.</p> <p>3. PhDs under the program of Master-PhD are exempted from politics theory courses during their doctoral studies, but they are required to replenish the credit loss by taking other optional courses.</p> <p>4. PhDs enrolled from other majors or other colleges and universities must take the compulsory courses,</p>						



	among which candidates can apply for an exemption for courses which they have already completed with their school report card, and replace them with other courses.			
Other Academic Sections (C-Compulsory; O-Optional)				
Category	C or O	Credit	Requirements	Evaluation (Ways and time)
Academic Lectures	C	0.5	Masters shall attend at least 10 academic activities organized by the school or the university; PhDs shall attend at least 15 academic activities.	Candidates are required to write a report with about 800 characters for each activity they attend. The report shall cover the following elements: when, where, who (keynote speaker) and what (topic), and his/her own opinions about the topic, and the inspiration he/she gets from the academic activity.
Mid-term Assessment	C for PhDs	1	The assessment committee together with the candidate's supervisor will examine his/her doctoral study and test scores. Candidates' research ability is also considered. The thesis proposal is evaluated as well.	The mid-term assessment is usually held in the last month of the third semester, and PhDs are required to report to the assessment committee with a PPT. Those who get a "Pass" for the assessment are allowed enter into the thesis writing phase.
Literature Review and Research Report	C	0.5	Masters shall deliver at least 4 academic reports and/or progress reports on thesis writing to the supervisor's research team. PhDs shall deliver at least 6 academic reports and/or progress reports on thesis writing to the supervisor's research team. PhDs shall present a comprehensive report on the field they study and their thesis prior to the thesis defense.	The assessment shall be conducted by the supervisors committee and reported to the teaching secretary for the record.
Thesis Proposal	C	1	1. The thesis proposal shall include: the source of the subject, the purpose and the significance of the research, an analysis of the status quo of the research and its	1.The thesis proposal examination is usually organized in the third semester. 2. The examination committee is



			<p>development trend at home and abroad, main points of the thesis, research program and scheduling, expected results, and conditions and fund needed, potential obstacles and problems and solutions, and main references.</p> <p>2. The thesis proposal examination shall be organized publicly for candidates of the same program. Candidates shall submit before the examination the literature review to the examination committee for examination and approval. Candidates who change their thesis subject shall apply for the thesis proposal examination for the new subject on the condition that the change is warranted.</p> <p>3. Prior to the application for a thesis defense, candidates must take the thesis proposal examination. There must be at least one complete semester between the semester when the thesis proposal examination is held and the semester when the thesis defense is held.</p>	<p>usually composed of 3-5 supervisors. If there involve cross-discipline subjects, experts from other disciplines shall be invited.</p>
Social Practice	C for masters (1 out of the 2)	1	<p>Under the guidance of the supervisor, candidates shall participate in scientific research training or engineering practice organized by the college, the institute, and/or the supervisor.</p>	<p>On the completion of the social practice and/or the teaching practice, candidates are required to fill out the Report on Social Practice of Postgraduates of Xiamen University. The report on social practice shall be examined and approved by the leading teacher with signature. The report on teaching practice shall be examined and approved by the supervisor with signature.</p>
Teaching Practice			<p>Candidates shall work as the teaching assistant to the supervisor. The teaching practice can be instructing exercises, correcting and marking assignments, and instructing undergraduates' graduation projects under the guidance of the supervisor. Accumulated work load shall be</p>	



			at least 32 hours shall be no less than 32 hours.	The report shall be submitted to the college for the record. The practice counts 1 credit.
Inter-Campus Communication and Exchange	C for PhDs	1	PhDs shall attend more than 1 international academic conference.	It shall be evaluated by the supervisor team and the results shall be submitted to the teaching secretary for the record.
Thesis	<p>1. Under the guidance of the supervisor, the candidate shall complete the thesis writing independently.</p> <p>2. A systematic and complete thesis shall include: abstracts in Chinese and English, source of the subject, its development at home and abroad, theoretical analyses, experiments and calculations, research results, references, etc. The thesis shall be concise with a correct argument and reliable data. It shall be innovative in its theoretical analyses, computing methods, experiment techniques, devices, techniques, etc.</p> <p>3. Masters shall allocate at least 1 year for the thesis writing, and PhDs at least 2 years. The thesis shall display the candidate's ability in solving problems with relevant theories, methods, and technological methods, and the grasp of basic theories and specialize knowledge.</p> <p>4. The thesis defense. Prior to the thesis defense, candidates shall take the mock viva organized within the supervisor's research team and make corresponding revisions and improvements. The thesis defense shall be carried out according to the Regulations on Postgraduates' Degree Application and Thesis Defense of Xiamen University.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	Physical Review Letters	APS	Examination	C
2	Laser Physics Letters	Wiley	Examination	C
3	IEEE Transactions on Pattern Analysis and Machine Intelligence	IEEE	Examination	C
4	Applied Physics Letters	AIP	Examination	C
5	IEEE Transactions on Medical Imaging	IEEE	Examination	C
6	International Journal of Computer Vision	Springer	Examination	C
7	Optics Express	OSA	Examination	C
8	Optics Letters	OSA	Examination	C
9	Physical Review A	APS	Examination	C
10	IEEE Transactions on Image Processing	IEEE	Examination	C



- Evaluation ways:
1. Examination: Knowledge of references and journals to be covered on the examination;
 2. Examination on thesis proposal or comprehensive examination;
 3. Reading Report;
 4. Other specific ways.



Graduate Program for Aerospace Science and Technology

School	School of Physics and Mechanical & Electrical Engineering	Student Type	Master
Discipline	Aerospace Science and Technology	Discipline Code	0825
Subject included	Aircraft Design (082501) ; Aerospace Propulsion Theory and Engineering(082502) ; Aerospace Manufacturing Engineering (082503); Man Machine and Environment Engineering(082504)		
Length of Study	Master <u>3</u> years		
Credit Requirements	Master ≥ 28 credits: ≥ 25 credits for courses, <u>3</u> credits for other academic sections.		
Program Objectives	<p>This program aims to cultivate high-quality professionals proficient in researching, engineering application, and developing technology in the field of aerospace science and technology. Detailed objectives are as follows:</p> <ol style="list-style-type: none"> 1. To adhere to the Party's basic line for the entire historical period of socialism; to be dedicated to the motherland and abide by its laws and disciplines; to be of a high level of integrity and trust; to be healthy physically and mentally; to conform to academic norms; 2. To grasp basic theories and concepts of physics, and experiment skills; to have knowledge of a relatively wide range of fields; to be of the ability to do scientific researches or deal with practical issues independently; 3. To be equipped with the ability to conduct academic research and communication in at least one foreign language. 		
Requirements of Research Ability and Other Aspects	<ol style="list-style-type: none"> 1. To be rigorous, realistic, practical, diligent, innovative and cooperative. 2. To be equipped with a scientific mindset, basic theories and research methods of aerospace science and technology, and the ability to solve scientific and technical problems. 3. To conform to professional ethics, academic norms and confidentiality provisions; to acquaint themselves with intellectual property rights; to be aspirant and devoted, and able to deal with the relationship among nation, community and individual. 4. To be healthy mentally and physically, and adjustable to environment changes; to lay stress on the combination of humanistic spirit and scientific spirit; to possess an optimistic attitude towards life and failures; to do well in dealing with the relationship among human, society and nature. 		
Curriculum			
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)			



Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits	000010201	First foreign language	2	SP/FA	C		
	000010102	Study on theory and practice of socialism with Chinese characteristics	1	SP/FA	C		
	000010104	Dialectics of nature	1	FA	C		
Compulsory Courses: Master \geq <u>11</u> credits	090010001	Numerical analysis	3	FA	C		
	090010002	Matrix theory	3	SP	C		
	090320001	Viscous fluid dynamics	2	SP	C		2 out of the 4
	090320002	Theory of mechanical vibration	2	FA			
	090320003	Analysis and design of structural reliability	2	SP			
	090320004	Advanced manufacturing technology	2	FA			
	090010003	Literature retrieval and writing of English technical papers	1	SP	C		
Optional Courses	090330001	Overall design of aircraft	2	FA			
	090330002	Overall design of engine	2	SP			
	090330003	Frontier of aerospace technology	2	SP			
	090330004	Design of impeller machinery and unsteady flow	2	FA			
	090330005	Flow field measurement technique	2	SP			
	090330006	Computational fluid dynamics and CFD application	2	FA			
	090330007	Gas turbine combustion chamber	2	SP			
	090330008	Ramjet engine technology	2	SP			
	090330009	Aircraft aero-elastic analysis	2	SP			
	0903300010	Structural and aerodynamic analysis of gas turbine engines	2	FA			
	0903300011	Modern mechanical strength theory	2	FA			



	0903300012	Nondestructive examination	2	SP			
	0903300013	Compound material	2	FA			
	0903300014	Modern flight control	2	SP			
	0903300015	Engine control principle	2	FA			
	0903300016	Electronic circuit design	2	SP			
	090220006	Computer control system experiment	2	SP			
	0903300017	Special manufacturing technology	2	FA			
	0903300018	Metal cutting experiment	2	SP			
	090230002	Numerical control technology	2	FA			
	090230004	Differential geometry and complex surface modeling	2	SP			
Other Requirements	<p>1. For courses selection, supervisors are required to provide necessary advice and suggestions; courses selected by candidates shall be approved by the supervisor.</p> <p>2. Candidates shall select at least 1 cross-disciplinary course, but the maximum credit they can earn is 4.</p>						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	0.5	Masters shall attend at least 10 academic activities organized by the school or the university.	Candidates are required to write a report with about 800 characters for each activity they attend. The report shall cover the following elements: when, where, who (keynote speaker) and what (topic), and his/her own opinions about the topic, and the inspiration he/she gets from the academic activity.			
Mid-term Assessment	C for PhDs						
Literature Review and Research Report	C	0.5	Masters shall deliver at least 4 academic reports and/or progress reports on thesis writing to the supervisor's research team.	The assessment shall be conducted by the supervisor committee and reported to the teaching secretary for the record.			



Thesis Proposal	C	1	<p>1. The thesis proposal shall include: the source of the subject, the purpose and the significance of the research, an analysis of the status quo of the research and its development trend at home and abroad, main points of the thesis, research program and scheduling, expected results, and conditions and fund needed, potential obstacles and problems and solutions, and main references.</p> <p>2. The thesis proposal examination shall be organized publicly for candidates of the same program. Candidates shall submit before the examination the literature review to the examination committee for examination and approval. Candidates who change their thesis subject shall apply for the thesis proposal examination for the new subject on the condition that the change is warranted.</p> <p>3. Prior to the application for a thesis defense, candidates must take the thesis proposal examination. There must be at least one complete semester between the semester when the thesis proposal examination is held and the semester when the thesis defense is held.</p>	<p>1.The thesis proposal examination is usually organized in the third semester.</p> <p>2. The examination committee is usually composed of 3-5 supervisors. If there involve cross-discipline subjects, experts from other disciplines shall be invited.</p>
Social Practice	C for masters (1 out of the 2)	1	Under the guidance of the supervisor, candidates shall participate in scientific research training or engineering practice organized by the college, the institute, and/or the supervisor.	On the completion of the social practice and/or the teaching practice, candidates are required to fill out the Report on Social Practice of Postgraduates of Xiamen University. The report on social practice shall be examined
Teaching Practice			Candidates shall work as the teaching assistant to the supervisor. The teaching	



			practice can be instructing exercises, correcting and marking assignments, and instructing undergraduates' graduation projects under the guidance of the supervisor. Accumulated work load shall be at least 32 hours. shall be no less than 32 hours.	and approved by the leading teacher with signature. The report on teaching practice shall be examined and approved by the supervisor with signature. The report shall be submitted to the college for the record. The practice counts 1 credit.
Inter-Campus Communication and Exchange	C for PhDs			
Thesis	<p>1. Under the guidance of the supervisor, the candidate shall complete the thesis writing independently.</p> <p>2. A systematic and complete thesis shall include: abstracts in Chinese and English, source of the subject, its development at home and abroad, theoretical analyses, experiments and calculations, research results, references, etc. The thesis shall be concise with a correct argument and reliable data. It shall be innovative in its theoretical analyses, computing methods, experiment techniques, devices, techniques, etc.</p> <p>3. Masters shall allocate at least 1 year for the thesis writing, and PhDs at least 2 years. The thesis shall display the candidate's ability in solving problems with relevant theories, methods, and technological methods, and the grasp of basic theories and specialize knowledge.</p> <p>4. The thesis defense. Prior to the thesis defense, candidates shall take the mock viva organized within the supervisor's research team and make corresponding revisions and improvements. The thesis defense shall be carried out according to the Regulations on Postgraduates' Degree Application and Thesis Defense of Xiamen University.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	矩阵理论及其应用	蒋正新等	Combined with the thesis proposal or the comprehensive discipline examination	C
2	数值分析 (第5版)	李庆扬, 王能超, 易大义	Combined with the thesis proposal or the comprehensive discipline examination	C
3	粘性流体动力学	怀特 FM	Combined with the thesis proposal or the comprehensive discipline examination	C



4	Theory of Vibration with Applications	W. T.Thomson	Combined with the thesis proposal or the comprehensive discipline examination	C
5	结构可靠性分析与设计	何水清等	Combined with the thesis proposal or the comprehensive discipline examination	C
6	特种加工	刘晋春 赵家齐 赵万生主编	Combined with the thesis proposal or the comprehensive discipline examination	C
7	现代控制理论	刘豹, 唐万生主编	Combined with the thesis proposal or the comprehensive discipline examination	C
8	航空工程材料与成形工艺基础	王立军、胡满红	Combined with the thesis proposal or the comprehensive discipline examination	C
9	Computational Fluid Dynamics – Basics with Application	J. D. Anderson	Combined with the thesis proposal or the comprehensive discipline examination	C
10	航空燃气涡轮发动机原理与构造	邓明	Combined with the thesis proposal or the comprehensive discipline examination	C
Evaluation ways: Covered in the thesis proposal or on the comprehensive examination.				



Graduate Program for Electronic Science & Technology

School	School of Physics and Mechanical & Electrical Engineer	Student Type	Master & PhD				
Discipline	Electronic Science & Technology	Discipline Code	0809				
Subject included	Physical Electronics (080901); Microelectronics and Solid-State Electronics (080903); Electromagnetic Field and Microwave Technology (080904); Photovoltaic Engineering (0809Z1); Radio Physics (070208)						
Length of Study	Master 3 years; PhD 4 years						
Credit Requirements	Master ≥ 23 credits: ≥ 20 credits for courses, 3 credits for other academic sections.						
	PhD ≥ 12 credits: ≥ 8 credits for courses, 4 credits for other academic sections.						
Program Objectives	<p>After completing this program, masters are expected to (1) grasp the basic theories, specialized knowledge, and experimental skills of electronic science and technology; (2) acquaint themselves with the development, trend and the newest academic outcomes in their chosen field; (3) equip themselves with the ability to do scientific researches with a computer and other advanced instruments; and (4) be proficient in teaching, researching, developing and managing technology in the field of electronics science and technology.</p> <p>PhDs are expected to (1) have a great knowledge of science and technology; (2) grasp the basic theories and research methods of their chosen field systematically; (3) acquaint themselves with the development of their chosen field; (4) equip themselves with the ability to do researches innovatively with a computer and other advanced instruments; and (5) be eligible for researching, teaching, developing and managing technology in their field.</p>						
Requirements of Research Ability and Other Aspects	<p>Masters are required to (1) be of the ability to read foreign literature; (2) grasp basic theories and specialized knowledge of electronic science and technology; (3) employ advanced instruments skillfully during their research; (4) do well in academic writing and academic exchange; (5) be eligible for doing scientific researches and dealing with practical problems.</p> <p>PhDs are required to (1) have a good command of the development of electronic science and technology; (2) be of the ability to do research innovatively and independently; (3) be of the ability to analyze and solve problems; (4) be of the ability to analyze and process academic outcomes; (5) do well in academic writing and academic exchange.</p>						
Curriculum							
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks



General Courses: Master 4 credits, PhD 2 credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First foreign language	2	FA\SP	C	O	
	000010102	Study on theory and practice of socialism with Chinese characteristics	1	FA\SP	C	O	
	000010104	Dialectics of nature	1	FA	C	O	
Compulsory Courses: Master ≥ 10 credits, PhD ≥ 1 credit	090010001	Numerical Analysis	3	SP	C	O	1 out of the 2
	090010002	Matrix Theory	3	FA	C	O	
	090410001	Modern Electronics Techniques	3	SP	C	O	1 out of the 4
	090420001	Semiconductor Physics and Devices	3	SP	C	O	
	090420002	Basics of Nuclear Magnetic Resonance	3	FA	C	O	
	090420003	Micro-nano devices and their applications	3	FA	C	O	
	090420004	The Basis of Microwave Engineering	3	FA	C	O	
090010003	Literature retrieval and Scientific writing in English	1	SP	C	C		
Optional Courses	090430001	Instrument Design Technology	2	FA	O	O	
	090430002	Molecular Imaging Technology	2	FA	O	O	
	090430003	Experimental methods of magnetic resonance spectroscopy and imaging	2	FA	O	O	
	090430004	Modern Instrumental Analysis	2	FA	O	O	
	090430005	Magnetic Resonance Analysis	2	SP	O	O	
	090430006	High-Dimensional Data Analysis and Modeling	2	SP	O	O	
	090430007	Novel NMR Techniques and Their Applications	2	SP	O	O	
	090430008	Advanced Programming Techniques	2	SP	O	O	



090430009	Solid-state lighting technology	2	SP	O	O	
090430010	Modern Signal Processing	2	SP	O	O	
090430011	Discharge Plasmas and Their Applications	2	SP	O	O	
090430012	Antenna Theory and Design	2	FA	O	O	
090430013	Microwave and Millimeter Wave Circuits	2	FA	O	O	
090430014	Computational Electromagnetics	2	FA	O	O	
090430015	Electromagnetic and Acoustic Detection Technology	2	FA	O	O	
090430016	Bioelectromagnetics	2	SP	O	O	
090430017	Nano photonics and its applications	2	SP	O	O	
090430018	Terahertz and Opto-electronic Technology	2	SP	O	O	
090430019	Array Signal Processing and Smart Antennas	2	SP	O	O	
090430020	Electromagnetic Compatibility	2	SP	O	O	
090430021	Photovoltaic Materials	2	SP	O	O	
090430021	Photoelectric Measurement Techniques	2	SP	O	O	
090430022	The Theoretics, Materials, Devices and Application of Photovoltaic Power Generation	2	SP	O	O	
090430023	Semiconductor Processing and Its Applications	2	SP	O	O	
090430024	Energy Technology and Engineering	2	FA	O	O	
090430025	Chemical Thermodynamics	2	FA	O	O	
090430026	Transmission electron microscopy	2	SP	O	O	
090430027	Foundation of Microelectromechanical Systems	2	FA	O	O	



	090430028	Fundamentals and Latest Developments of Microelectronic Devices	2	FA	O	O	
	090430029	Electronic System Design	2	SP	O	O	
	090430030	Thin Film and Technology	2	FA	O	O	
	090430031	New energy materials and devices	2	SP	O	O	
	090430032	Microfluidic Device	2	SP	O	O	
	090430033	Solid-state lighting and photovoltaic system	2	FA	O	O	
	090430034	Semiconductor Science and Technology	2	SP	O	O	
Other Requirements	<p>1. For courses selection, supervisors are required to provide necessary advice and suggestions; courses selected by postgraduates must be approved by the supervisor.</p> <p>2. Candidates shall select at least 1 cross-disciplinary course, but the maximum credit they can earn is 4.</p> <p>3. PhDs under the program of Master-PhD are exempted from politics theory courses during their doctoral studies, but they are required to replenish the credit loss by taking other optional courses.</p> <p>4. PhDs enrolled from other majors or other colleges and universities must take the compulsory courses, among which candidates can apply for an exemption for courses which they have already completed with their school report card, and replace them with other courses.</p>						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements		Evaluation (Ways and time)		
Academic Lectures	C	0.5	Masters shall attend at least 10 academic activities organized by the school or the university; PhDs shall attend at least 15 academic activities.		Candidates are required to write a report with about 800 characters for each activity they attend. The report shall cover the following elements: when, where, who (keynote speaker) and what (topic), and his/her own opinions about the topic, and the inspiration he/she gets from the academic activity.		
Mid-term Assessment	C for PhDs	1	The assessment committee together with the candidate's supervisor will examine his/her doctoral study and test scores. Candidates' research ability is also considered. The thesis proposal is		The mid-term assessment is usually held in the last month of the third semester, and PhDs are required to report to the assessment committee with a PPT. Those who get a "Pass"		



			evaluated as well.	for the assessment are allowed enter into the thesis writing phase.
Literature Review and Research Report	C	0.5	<p>Masters shall deliver at least 4 academic reports and/or progress reports on thesis writing to the supervisor’s research team.</p> <p>PhDs shall deliver at least 6 academic reports and/or progress reports on thesis writing to the supervisor’s research team.</p> <p>PhDs shall deliver a comprehensive report on the field they study and their thesis prior to the thesis defense.</p>	<p>The assessment shall be conducted by the supervisor committee and reported to the teaching secretary for the record.</p>
Thesis Proposal	C	1	<p>1. The thesis proposal shall include: the source of the subject, the purpose and the significance of the research, an analysis of the status quo of the research and its development trend at home and abroad, main points of the thesis, research program and scheduling, expected results, and conditions and fund needed, potential obstacles and problems and solutions, and main references.</p> <p>2. The thesis proposal report examination shall be organized publicly for candidates of the same program. Candidates shall submit before the examination the literature review to the examination committee for examination and approval. Candidates who change their thesis subject shall apply for the thesis proposal examination for the new subject on the condition that the change is warranted.</p> <p>3. Prior to the application for a thesis defense, candidates must take the thesis proposal examination. There must be at least one complete semester between the semester when the thesis proposal examination is held and the semester when the thesis defense is held.</p>	<p>1.The thesis proposal examination is usually held in the third semester.</p> <p>2. The examination committee is usually composed of 3-5 supervisors. If there involve cross-discipline subjects, experts from other disciplines shall be invited.</p>



Social Practice	C for masters (1 out of the 2)	1	Under the guidance of the supervisor, candidates shall participate in scientific research training or engineering practice organized by the college, the institute, and/or the supervisor.	On the completion of the social practice and/or the teaching practice, candidates are required to fill out the Report on Social Practice of Postgraduates of Xiamen University. The report on social practice shall be examined and approved by the leading teacher with signature. The report on teaching practice shall be examined and approved by the supervisor with signature. The report shall be submitted to the college for the record. The practice counts 1 credit.
Teaching Practice			Candidates shall work as the teaching assistant to the supervisor. The teaching practice can be instructing exercises, correcting and marking assignments, and instructing undergraduates' graduation projects under the guidance of the supervisor. Accumulated work load shall be at least 32 hours. shall be no less than 32 hours.	
Inter-Campus Communication and Exchange	C for PhDs	1	PhDs shall attend more than 1 international academic conference.	It shall be evaluated by the supervisor team and the results shall be submitted to the teaching secretary for the record.
Thesis	<p>1. Under the guidance of the supervisor, the candidate shall complete the thesis writing independently.</p> <p>2. A systematic and complete thesis shall include: abstracts in Chinese and English, source of the subject, its development at home and abroad, theoretical analyses, experiments and calculations, research results, references, etc. The thesis shall be concise with a correct argument and reliable data. It shall be innovative in its theoretical analyses, computing methods, experiment techniques, devices, techniques, etc.</p> <p>3. Masters shall allocate at least 1 year for the thesis writing, and PhDs at least 2 years. The thesis shall display the candidate's ability in solving problems with relevant theories, methods, and technological methods, and the grasp of basic theories and specialize knowledge.</p> <p>4. The thesis defense. Prior to the thesis defense, candidates shall take the mock viva organized within the supervisor's research team and make corresponding revisions and improvements. The thesis defense shall be carried out according to the Regulations on Postgraduates' Degree Application and Thesis Defense of Xiamen University.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)



<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Chemistry

School	College of Chemistry and Chemistry Engineering	Student Type	Master & PhD
Discipline	Chemistry	Discipline Code	0703
Subject included	Inorganic Chemistry(070301), Analytical Chemistry(070302), Organic Chemistry(070303), Physical Chemistry(070304), Polymer Chemistry and Physics(070305), Nano-materials Chemistry(0703Z1), Chemical Biology(0703Z2), Energy Chemistry(0703Z3)		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years; Doctoral Program For candidates with a bachelor's degree: <u>5</u> years		
Credit Requirements	Master ≥ 22 credits: ≥ 17 credits for courses, <u>5</u> credits for other academic sections.		
	PhD ≥ 12 credits: ≥ 5 credits for courses, <u>7</u> credits for other academic sections.		
	Doctoral Program for candidates with a bachelor's degree ≥ 28 credits: <u>19</u> credits for courses, ≥ 9 credits for other academic sections.		
Program Objectives	<p>PhD (including candidates under the Master-PhD program and candidates under the Bachelor-Master-PhD program):</p> <p>After completing this program, candidates are expected to (1) grasp the basic principles of Marxism and adhere to the Party's basic line for the entire historical period of socialism; (2) be dedicated to the motherland, and abide by its laws and disciplines; (3) be of a high level of integrity and trust; (4) be willing to strive for China's modernization; (5) have a good command of basic theories and concepts and experiment skills of chemistry, and basic theories and concepts of their chosen field; (6) be competent in undertaking scientific research, chemistry teaching and specialized technical work independently; (7) be proficient in at least one foreign language, and be able to communicate with others in the foreign language fluently; (8) be of the ability to see things from an international perspective; (9) be fully aware of the status quo and the development of the research in the field they study; and (10) be healthy mentally and physically.</p> <p>Master:</p> <p>After completing this program, candidates are expected to (1) grasp the basic principles of Marxism and adhere to the Party's basic line for the entire historical period of socialism; (2) be dedicated to the motherland, and abide by its laws and disciplines; (3) be of a high level of integrity and trust; (4) be willing to strive for China's modernization; (5) have a good command of basic theories and concepts and experiment skills of chemistry, and basic theories and concepts of their chosen field; (6) be fully aware of the status quo and the development of the research in the field they study; (7) be competent in undertaking scientific research, chemistry teaching and specialized technical work independently; (8) be proficient in at least one foreign language, and be able to communicate with others in the foreign language fluently; and (9) be healthy mentally and physically.</p>		
Requirements of	PhDs (including candidates under the Master-PhD program and the Bachelor-Master-PhD program):		



Research Ability and Other Aspects	<p>1. Candidates shall grasp the development and relevant literature of the chosen field, and equip themselves with the ability in exploring innovative subjects independently;</p> <p>2. Candidates shall be proficient in English, and be able to read English literature, and write academic papers and present oral reports in English;</p> <p>3. Candidates shall be of the ability to design experiments, analyze results, detect problems and summarize findings, and with the experiment methods and testing techniques;</p> <p>4. Candidates shall do well in processing data and literature on computer skillfully.</p> <p>Masters:</p> <p>1. Candidates shall grasp the development of their chosen field;</p> <p>2. Candidates shall be able to read English literature and write abstracts in English;</p> <p>3. Candidates shall have a good command of experiment methods and testing techniques in materials science and technology;</p> <p>4. Candidates shall be of the ability to design experiments, analyze results, detect problems and summarize findings;</p> <p>5. Candidates shall do well in processing data and literature on computer skillfully;</p> <p>6. Candidates shall be proficient in writing scientific papers in Chinese.</p>						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA/ SP	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA/ SP	C		
	000010104	Nature Dialectics	1	FA	C		
Required Courses: Master <u>11</u> credits, PhD <u>3</u> credits	100110001	Advanced Synthetic Chemistry	3	FA	choose at least one	O	
	100110002	Advanced Instrumental Analysis I	3	FA			
	100110003	Advanced Instrumental Analysis II	3	FA			
	100110004	Introduction of Quantum Chemistry	3	FA			
	360010004	Celluar Molecular Biology	3	FA			
	100010001	Basic Research Manners and Safety Technology	2	FA	C	O	



100110005	Topics on the Frontiers of Chemistry	3	SP	O	C	
100120001	Advanced Coordination Chemistry	3	SP	choose at least two	O	
100120002	Crystallography and Crystal X-ray Structure Determination	3	FA			
100120003	Advanced Organic Synthesis	3	FA			
100120004	Physical Organic Chemistry and Organometallic Chemistry	3	SP			
100120005	Chromatography and Mass Spectrometry	3	SP			
100120006	Spectrometry	3	FA			
100120007	Polymeric Synthesis and Molecular Design	3	SP			
100120008	Current Polymer Science and Applications	3	FA			
320030105	Polymer Modification Principle and Rheology	3	FA			College of Materials
100120009	Chemical Biology	3	SP			
100120010	Biophysics	3	FA			
360020002	Advanced Pharmacology	3	FA			College of Pharmacy
100120011	Statistical Mechanics And Chemical Reaction Dynamics	3	FA			
100120012	Advanced Quantum Chemistry	3	SP			
100120013	Advanced Catalytic Chemistry	3	SP			
100130001	Methods for Catalysis Research	3	FA			
100130002	Electrode Kinetics	3	FA			
100130003	Research Methods in Electrochemistry	3	SP			
	Courses from Other Prog.		SP/ FA	O	O	Under the



		Dept. or Colleges.					guidance of supervisors
Optional Courses	100130004	Solid Surface Chemistry	2	FA	O	O	
	100120014	Homogeneous Catalysis	2	FA			
	100120015	Group theory	2	SP			
	100120016	Bioanalytical Chemistry	2	SP			
	100130005	Applied Electrochemistry	2	SP			
		Courses from Other Prog. Dept. or Colleges.		SP/ FA			Under the guidance of supervisors
Other Requirements	<p>1. Candidates from Hong Kong, Macao, and Taiwan can be exempted from theoretical courses of Marxism. Credits short can be filled with other specialized courses.</p> <p>2. Candidates shall design an individual study plan in the first 2 weeks of the first school term. After the study plan is reviewed and approved by the supervisor with signature, candidates shall submit it to the college for the record. Courses selected or quitted will not be valid without the supervisor's approval.</p> <p>3. Masters and candidates under Bachelor-Master-PhD programs shall complete at least 3 compulsory courses (It totals 9 credits. Candidates could select 1-2 compulsory courses of other fields according to their study plan as long as they get it approved by the supervisor.), and Research Manners and Safety Technology. Masters are also required to take at least 1 optional course.</p> <p>4. Requirements on PhDs under the Master-PhD program are the same as other PhDs in terms of total credits and courses except that they can be exempted from political theories courses (2 credits). But credits short shall be compensated with other courses (It can be compulsory courses offered by the department or optional courses offered by other colleges. Candidates shall select courses under the guidance of the supervisor.).</p> <p>5. PhDs who have master-level courses or/and Research Manners and Safety Technology uncompleted shall take those courses under the guidance of the supervisor.</p> <p>6. Courses completed in the master studies with scores reaching the standard for PhDs can be exempted in the doctoral studies when candidates' application gets approved by both the supervisor and the college.</p>						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements			Evaluation methods and schedule	
Comprehensive Quality (C for PhDs and candidates under the Bachelor-M	C for PhDs	5	It includes cumulative examination, literature review, thesis proposal, and mid-term assessment. A lecture shall be held in the first 2 months of the first semester, explaining the requirements and evaluation ways. Details are as follows. 1. Cumulative examination: counting 2 credits. The examination covers basic theories and the latest literature. It shall be a written test or a report on			1. PhDs (including PhDs under the Master-PhD program, and candidates under the Bachelor-Master-PhD program) shall complete the thesis proposal and mid-term assessment by	



<p>aster-PhD program)</p>			<p>literature reading. There shall be at least 4 cumulative examinations. Scores can be 0, 0.5, or 1. Scores can be accumulated. PhDs shall obtain at least 2 credits to pass the examination.</p> <p>2. Literature review: counting 1 credit. PhDs are required to present at least 1 literature review on fields not directly related to their chosen field. No limit on the times of literature review presentations. The evaluation team shall be composed of at least 3 teachers (save the supervisor). It shall begin in the SP of the second academic year.</p> <p>3. Thesis proposal: counting 1 credit.</p> <p>4. Mid-term assessment: counting 1 credit.</p> <p>5. The accumulated score is taken as a reference for the qualifying examination.</p>	<p>the end of the second academic year.</p> <p>2. Candidates who have not reached the requirements will not be allowed to hold the PhD thesis defense; candidates under the Master-PhD program and candidates under the Bachelor-Master-PhD program will be shunted to the master program.</p>
<p>Chemistry Seminars</p>	<p>C</p>		<p>1. PhDs, masters and PhDs under the Master-PhD program and candidates under the Bachelor-Master-PhD program shall attend academic activities (including academic lectures, academic forums, and/or academic reports) and submit a report on academic lectures attended. Attendance will be recorded. Candidates are required to attend at least 40 academic lectures (counting 2 credits).</p> <p>2. Masters shall attend academic activities (including academic lectures, academic forums, and/or academic reports) and submit a report on academic lectures attended. Attendance will be recorded. Masters are required to attend at least 20 academic lectures (counting 1 credit).</p>	<p>Candidates under the Master-PhD program shall obtain 1 credit in the master study.</p>
<p>Mid-term Assessment</p>	<p>C</p>	<p>1</p>	<p>Mid-term assessments will be held publicly and respectively on the institute level. The institute shall inform candidates 2 weeks in advance, and submit the name list of the candidates and the supervisors to the college for review. A notice shall be posted at least two days ahead. Results of the mid-term assessment shall be sent to the college for the record.</p> <p>More detailed information: PhDs (including PhDs under the Master-PhD</p>	<p>1. PhDs (including PhDs under the Master-PhD program, and candidates under the Bachelor-Master-PhD program) shall complete their mid-term assessment in the SP of the second academic year.</p>



		<p>program, and candidates under the Bachelor-Master-PhD program)</p> <p>1.The assessment examines the progress report on thesis writing.</p> <p>2. Assessment team members: the total number shall be at least 3,including the candidate’s supervisor; 50% of the members must be supervisors for PhDs. The assessment team shall meet all the above requirements, or it will be considered null and void.</p> <p>3. Candidates are required to submit a written progress report to the college for review beforehand; only after the written report is approved, can candidates apply for an oral report on their thesis writing. The oral report shall endure at least 20 minutes, and the Q&A process shall last at least 10 minutes; the whole process will be recorded for the record. Member of the assessment team shall evaluate candidates according to their comprehension on their subject, their grasp of basic theories and specialized knowledge needed for a specific research, workload and academic outcomes achieved after their thesis proposal. The assessment team shall put candidates in order according to their comprehensive performance. The order is an important reference for candidates to apply for a scholarship.Candidates who fail the assessment are allowed a second chance within 6 months. If they fail again, they will be deprived of the right to apply for a doctoral degree, or be degraded to a master degree or be advised to quit school.</p> <p>4. Candidates who are absent from the assessment will be deprived of the right to apply for a scholarship and a thesis defense. Candidates who are abroad or off-campus for joint study during the mid-term assessment shall negotiate with their supervisor about the time for their assessment.</p> <p>Masters:</p> <p>1. The assessment examines the progress report on thesis writing.</p> <p>2. Assessment team members: the total number shall</p>	<p>2. Master shall complete their mid-term assessment in the FA (in December) of the second academic year.</p>
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		<p>be at least 3, including the candidate's supervisor; 50% of the members must be supervisors for PhDs. The assessment team shall meet all the above requirements, or it will be considered null and void.</p> <p>3. Candidates are required to submit a written progress report to the college for review beforehand; only after the written report is approved, can candidates apply for an oral report on their thesis writing. The oral report shall endure at least 15 minutes, and the Q&A process shall last at least 10 minutes; the whole process will be taped for the record. Member of the assessment team shall evaluate candidates according to their comprehension on their subject, their grasp of basic theories and specialized knowledge needed for a specific research, workload and academic outcomes achieved after their thesis proposal. The assessment team shall grade the candidates respectively according to their comprehensive performance. The final score will be an important reference for candidates to apply for a scholarship. The assessment team shall carefully arrange batches to ensure it is comparable among candidates from different batches. Candidates who fail the assessment are allowed a second chance within 4 months. If they fail again, they will be deprived of the right to apply for an academic degree, or will be advised to quit school.</p> <p>4. Candidates who get a good grade for the assessment will be recommended to the master-PhD program; those who get an average score will be advised to keep studying for their master degree; those who fail the assessment twice along with those who are absent from the assessment will be deprived of the right to apply for a scholarship and a thesis defense. Candidates who are abroad or off-campus for joint study during the mid-term assessment shall negotiate with their supervisor about the time for their assessment.</p>	
Literature Review and		For detailed information, please refer to the parts on "Comprehensive Quality", "Thesis Proposal", and	For detailed information, please refer to the parts on



Research Report			“Mid-term Assessment”.	“Comprehensive Quality”, “Thesis Proposal”, and “Mid-term Assessment”.
Thesis Proposal	C	1	<p>Thesis proposal examinations shall be held publicly and respectively on institute levels. The individual institute shall inform candidates of the thesis proposal examination 2 weeks in advance, and submit the name list of the candidates and the supervisors to the college for review. A notice shall be posted at least two days ahead. The results of the thesis proposal examination shall be submitted to the college for the record.</p> <p>More detailed information: PhDs (including candidates under the Master-PhD program and the Bachelor-Master-PhD program):</p> <ol style="list-style-type: none"> 1. The thesis proposal report shall cover a literature review, research schemes, and preliminary outcomes. The examination consists of an oral test and a written test. PhDs are required to complete a report on their literature review and research schemes, including the scope, significance and value of the research, recent research in relevant fields at home and abroad, a detailed introduction on the progress of the research, frontier topics and major research methods, and an explanation on problems to be solved, research schemes and research progress, and a demonstration on the feasibility of the research. 2. The oral test shall be an academic report. PhDs shall deliver a comprehensive report for at least 15 minutes. The Q&A process followed shall last at least 10 minutes. 3. The examination committee shall be composed of at least 3 members, including the candidate’s supervisor. Half of the members must be supervisors for PhDs. The examination committee shall meet all the above requirements, or it will be considered null and void. The examination committee shall provide suggestions and advice on the candidate’s subject 	<ol style="list-style-type: none"> 1. The thesis proposal examination for PhDs (including PhDs under the Master-PhD program) is held in the FA of the first academic year. 2. The thesis proposal examination for candidates under the Bachelor-Master-PhD program is held in the SP of the first academic year. 3. Thesis proposal examinations for masters are held in the SP (usually in April or May) of the first academic year. The report shall be at least 10 minutes. The cross-examination shall be at least 10 minutes.



			<p>selection and especially their research schemes, and clearly evaluate them as “Pass” or “Fail”, and provide sort order to candidates who have passed according to all committee members’ comments. The order will be taken as an important reference for candidates to apply for a scholarship. Candidates who fail the proposal examination will be deprived of the right to apply for a scholarship and are allowed a second chance for thesis proposal examination within 2 months. Candidates who fail twice will be deprived the right to apply for a doctoral degree, or will be degraded to a master candidate, or be advised to quit school.</p> <p>4. Candidates who are absent from the thesis proposal examination for no reason are deprived of the right to apply for a scholarship and a thesis defense. Candidates who are abroad or off-campus for joint study during the thesis proposal examination time shall negotiate with the supervisor about the time for their thesis proposal examination.</p> <p>Masters:</p> <p>1.The thesis proposal report shall cover a literature review, research schemes, and preliminary outcomes.</p> <p>2. The examination committee shall be composed of at least 3 members, including the candidate’s supervisor. Half of the members must be supervisors for masters. The evaluation committee shall meet all the above requirements, or it will be considered null and void.</p> <p>3. Candidates are required to present a thesis proposal for at least 10 minutes. The Q&A process followed shall last at least 10 minutes. The whole process shall be taped for the record. Each member of the assessment team shall evaluate candidates according to their comprehension on their subject, their grasp of basic theories and specialized knowledge needed for a specific research, etc. The examination committee shall provide a sort order of the evaluation results according to their performance. No specific score is</p>	
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			<p>required. The list will be taken as an important reference for candidates to apply for a scholarship. Candidates who fail the proposal examination will be deprived of the right to apply for a scholarship and are allowed a second chance for thesis proposal examination within 2 months. Candidates who fail twice will be deprived the right to apply for a master degree.</p> <p>4. Candidates who are absent from the examination for no reason will be deprived of the right to apply for a scholarship and a thesis defense. Candidates who are abroad or off-campus for joint study during the thesis proposal examination time shall negotiate with the supervisor about the time for their thesis proposal examination.</p>	
Social Practice	C (for candidates under the Bachelor-Master-PhD program and masters)	2	<p>Candidates shall conduct teaching practice and accumulate a workload of at least 96 teaching hours. The practice counts 2 credits. The candidate's performance will be evaluated by teachers who are in charge of the experiment or theoretical courses. Candidates shall also take an active part in research projects led by the supervisor. The supervisor shall provide candidates with an allowance based on their contribution to the research project.</p>	
Teaching Practice				
Thesis	<p>PhDs (including PhDs under the Master-PhD program, and candidates under the Bachelor-Master-PhD program):</p> <ol style="list-style-type: none"> 1. Thesis writing plays an important role in postgraduates cultivation. Candidates shall select a subject for the thesis under the guidance of the supervisor. Thesis selection shall consider the provincial-level or state-level research projects led by the supervisor, and center around important subjects in basic research or other important applied subjects. 2. Candidates shall allocate 3 years for the thesis writing, and complete it independently under the guidance of the supervisor. PhDs shall conduct experiments in laboratories right after they start their doctoral study. 3. PhDs shall present a thesis proposal report after completing all courses and having collected relevant data. The thesis proposal examination shall be held no later than the end of the FA of the first academic year. In the examination, the candidate shall present the thesis proposal to the examination committee for review and approval. The examination committee shall provide advice and suggestions for improvement. 4. The thesis proposal shall contain a description of the development of the fields relevant to the subject at home and abroad, scientific analysis and an objective evaluation of previous research outcomes, and existing problems. 5. Intermediate Progress Report. It shall be held in the SP of the second academic year. The report shall be of at 			



least 20 minutes, which is followed by 10-minute Q&A. The evaluation committee shall be composed of at least 3 experts in the field, and half of the committee members shall be supervisors for PhDs.

6. Initial data from experiments, spectrograms, and results of analyses shall all be standardized and submit to the research group for safe keeping. Data shall be authentic and reliable. Analyses shall be reasonable.

7. There shall be innovative outcomes out of the thesis research. Candidates are required to achieve certain academic outcomes (publications or patents). The quality and quantity of the academic outcomes shall not only meet the requirements set by the college, but also the requirements set by the institute and the research group.

8. Thesis review, thesis defense and degree granting shall be conducted according to relevant regulations set by the Provisional Regulations on Academic Degree Granting of the People’s Republic of China, and the Regulations on Postgraduates’ Academic Degree Granting of Xiamen University. Thesis review and thesis evaluation shall be conducted according to relevant regulations formulated by the Graduate School of Xiamen University.

Masters:

1. Thesis writing plays an important role in postgraduates cultivation. Candidates shall select a subject for the thesis under the guidance of the supervisor. Thesis selection shall consider the provincial-level or state-level research projects led by the supervisor, and center around important subjects in basic research or other important applied subjects.

2. Candidates shall allocate at least 2 years for the thesis writing.

3. Candidates who fail the thesis defense shall apply for a second time thesis defense half a year later.

4. The thesis proposal examination shall be held no later than the SP of the first academic year.

5. During the process of thesis writing, candidates shall take an active part in seminars regularly held by different research groups, and submit to the supervisor written progress reports on the research work and plans every month, or every other month.

6. The literature review shall include a relatively comprehensive description of the research on the subject at home and abroad, and problems unsolved.

7. There shall be innovative outcomes out of the thesis research. Candidates are required to achieve academic outcomes (publications or patents). The quality and quantity of the academic outcomes shall not only meet the requirements set by the college, but also the requirements set by the institute and the research group.

8. Initial data from experiments, spectrograms, and results of analyses shall all be standardized and submitted to the research group for safe keeping.

9. Thesis review and thesis evaluation shall be conducted according to relevant regulations formulated by the Graduate School of Xiamen University. Once the thesis is submitted for review, candidates shall be restricted from any information about the thesis review or thesis defense.

Major References and Journals (C-Compulsory; O-Optional)

No.	Title	Author	Evaluation*	Remarks (C or O)
1	Electrochemical Methods	Allen J. Bard, Larry R. Faulkner, John Wiley, 2001	2	Optional
2	J. Chem. Phys.	Amer. Inst. Physics	2	Optional



3	Progress in Polymer Science	APS	2	Optional
4	Polymer Physics	Cambridge, 2003, Rubinstein	2	Optional
5	Introduction to Modern Statistical Mechanics	David Chandler	2	Optional
6	Principles of Polymer Chemistry	Flory P J. [美]弗洛里 P J.	2	Optional
7	Principles of Polymerization	G. Odian, 3rd&4th Ed., John Wiley & Sons, New York, 1991&2003.	2	Optional
8	Dynamics of chromatography (Chromatographic science, v. 1)	Giddings, J. Calvin	2	Optional
9	Unified separation science	Giddings, J. Calvin	2	Optional
10	Mass Spectrometry: A Foundation Course	K. Downard, Royal Society of Chemistry, UK, 2004	2	Optional
11	Principles of Fluorescence Spectroscopy	Lakowicz, J.R.; Second Edition, Plenum	2	Optional
12	Group Theory and Application To Physical Problems	M.Mamermesh	2	Optional
13	PNAS	National Academy of Sciences, Stanford University's Highwire Press	2	Optional
14	Introduction to Polymer Physics	Oxford, 1995, M. Doi	2	Optional
15	Scaling Concept in Polymer Physics	P.G. de Gennes, 化学 工业出版社, 2002	2	Optional
16	Chemical Kinetics and Reaction Dynamics	Pau L. Houston	2	Optional
17	Method of Molecular Quantum Mechanics	R.McWeeny	2	Optional
18	Molecular Electronic-Structure Theory	T. Helgaker	2	Optional
19	Catal. Rev.	Taylor & Francis	2	Optional
20	J. Biol. Chem.	The American Society for Biochemistry and Molecular Biology	2	Optional
21	Journal of the American Society for Mass Spectrometry	the American Society for Mass	2	Optional



		Spectrometry		
22	有机合成	黄培强, 靳立人, 陈安齐编; 高等教育出版社: 北京, 2004.6	1	Optional
23	有机合成: 切断法探讨	斯图尔特·沃伦(S. Warren)(英)著; 丁新腾译, 上海科学技术文献出版社: 上海, 1986	1	Optional
24	Guidebook to Organic Synthesis (3rd Ed.)	Mackie, R. K., Smith, D. M., Aitken, R. A., 世界图书出版公司北京公司: 北京, 2001	1	Optional
25	Organic Synthesis: Concepts, Methods, Starting Materials (3rd Edition)	Jurgen, F., Gustav, P., John Wiley & Sons; New York, 2003	1	Optional
26	Advanced Organic Chemistry, (Part A, Part B, 4th Ed.)	Carey, F. A., Sundberg, R. J., Plenum Press: New York: 2000	1	Optional
27	Organic Synthesis (2nd edition)	Smith, M. B., McGraw-Hill: New York, 2002	1	Optional
28	Physical Organic Chemistry	N. Isaacs, 1995	1	Optional
29	物理有机化学	英柏宁, 宋化灿编	1	Optional
30	物理有机化学	张永敏 包伟良 吴军编	1	Optional
31	现代物理有机化学	计国楨, 佟振合 译	1	Optional
32	The Organometallic Chemistry of the Transition Metals (5th Edition)	Robert H. Crabtree, 2005, Wiley.	1	Optional
33	Molecular Orbitals of Transition Metal Complexes	Yves Jean, 2005, Oxford University Press.	1	Optional
34	金属有机化学原理及应用	宋礼成, 王佰全, 2012, 高等教育出版社	1	Optional
35	过渡金属有机化学	江焕峰, 祝诗发 译,	1	Optional



		2012, 科学出版社		
36	Introduction to Physical Polymer Science	Wiley, 2006, L. Sperling	2	Optional
37	高分子物理	第三版, 复旦大学出版社, 2007	2	Optional
38	奇妙的高分子世界	董炎明, 化学工业出版社, 2011	2	Optional
39	高分子科学简明教程	董炎明, 张明良, 科学出版社, 2008	2	Optional
40	The Physics of Polymers (3rd Edition) (Springer, 2007, G. R. Strobl) 高分子物理学	科学出版社, 2009	2	Optional
41	聚合物科学与材料	科学出版社, Mark, Tobolsky et. al.	2	Optional
42	高分子世界	平郑骅、汪长春, 复旦大学出版社, 2001	2	Optional
43	高聚物的结构与性能	中科大, 科学出版社, 2009	2	Optional
44	Handbook of Multiphase Polymer Systems	Abderrahim Boudenne, Laurent Ibos, Yves Candau, Sabu Thomas John Wiley & Sons, 2011	4	Optional
45	Fabricated the New World of 3d Printing	中信出版社, 2013	2	Optional
46	Modern quantum chemistry	A. Szabo	2	Optional
47	Genomes	Brown, T. A.	2	Optional
48	Molecular Biology	Lodish, H. et al.	2	Optional
49	Genes	Lewin, B.	2	Optional
50	Science		2	Optional
51	Nature and its sub- Journal		2	Optional
52	Angew. Chem. Int. Ed.	John Wiley Corporation	2	Optional
53	Adv. Funct. Mater.	John Wiley Corporation	2	Optional
54	Adv. Mater.	John Wiley Corporation	2	Optional



55	Adv. Synth. Catal.	John Wiley Corporation	2	Optional
56	Chem. Asian J.	John Wiley Corporation	2	Optional
57	Chem. Eur. J.	John Wiley Corporation	2	Optional
58	ChemCatChem	John Wiley Corporation	2	Optional
59	ChemPhysChem	John Wiley Corporation	2	Optional
60	J. Compt. Chem.	John Wiley Corporation	2	Optional
61	Macromolecular Rapid Communications	John Wiley Corporation	2	Optional
62	Eur. J. Inorg. Chem.	John Wiley Corporation	2	Optional
63	Fundamentals and Applications	John Wiley, 2001	2	Optional
64	ACS Catal.	ACS	2	C for the candidates major in Catalytic
65	Chem. Mater.	ACS	2	Optional
66	Ind. Eng. Chem. Res.	ACS	2	Optional
67	J. Phys. Chem. A & B & C	ACS	2	Optional
68	J. Phys. Chem. Lett.	ACS	2	Optional
69	J. Am. Chem. Soc.	ACS	2	Optional
70	Langmuir	ACS	2	Optional
71	Nano Lett.	ACS	2	Optional
72	Analytical Chemistry	ACS	2	Optional
73	Acc. Chem. Res.	ACS	2	Optional
74	Inorg. Chem.	ACS	2	Optional
75	Cryst. Growth Des.	ACS	2	Optional
76	Chem. Rev.	ACS	2	Optional
77	Biochemistry	ACS	2	Optional
78	Macromolecules	ACS	2	Optional
79	Chem. Soc. Rev.	RCS	2	Optional
80	Chem. Commun.	RCS	2	Optional



81	Green Chem.	RCS	2	Optional
82	J. Mater. Chem.	RCS	2	Optional
83	Phys. Chem. Chem. Phys.	RCS	2	Optional
84	Dalton Trans.	RCS	2	Optional
85	New J. Chem.	RCS	2	Optional
86	Polymer Chemistry	RCS	2	Optional
87	Appl. Catal. A & B	Elsevier Science	2	Optional
88	J. Catal.	Elsevier Science	2	C for the candidates major in Catalytic
89	J. Solid State Chem.	Elsevier Science	2	Optional
90	J. Inorg. Biochem.	Elsevier Science	2	Optional
91	Solid State Commun.	Elsevier Science	2	Optional
92	Solid State Ionics	Elsevier Science	2	Optional
93	Solid State Science	Elsevier Science	2	Optional
94	Chem. Biol.	Elsevier Science	2	Optional
95	Current Opinion in Chemical Biology	Elsevier Science	2	Optional
96	The International Journal of Biochemistry and Cell Biology	Elsevier Science	2	Optional
97	Molecular Biology of the Cell	Elsevier Science	2	Optional
98	Molecular Cell Biology	Elsevier Science	2	Optional
99	J. Am. Ceram. Soc.	美国陶瓷学会	2	Optional
100	Phys. Rev. Lett.	美国物理学会	2	Optional
101	Phys Rev. B	美国物理学会	2	Optional
102	Appl. Phys. Lett.	美国物理研究所	2	Optional
103	J. Appl. Phys.	美国物理研究所	2	Optional
104	Comput. Theor. Chem.		2	Optional
105	Int. J. Quantum. Chem.		2	Optional
106	J. Chem. Theory Comput.		2	Optional
107	J. Theor. Comput. Chem.		2	Optional
108	Phys. Rev (A and B)		2	Optional
109	Theor. Chem. Acc.		2	Optional



Evaluation methods: 1. Examination: Knowledge of references and journals to be covered on the examination;

2. Examination on thesis proposal or comprehensive examination;

3. Reading Report;

4. Other specific ways.

Notes:

1. During the 5-year study, candidates under the Bachelor-Master-PhD program shall obtain at least 28 credits, with 5 of them for general courses, including China's Marxism and Contemporary (2 credits), Nature Dialectics (1 credit), and the First Foreign Language (2 credits); candidates are required to complete at least 3 compulsory courses (9 credits) and the Research Manners and Technology Safety (2 credits) and Chemistry Frontiers (3 credits). It totals 19 credits. Other academic sections include comprehensive quality (5 credits), academic reports (2 credits) and teaching practice (2 credits).

2. The supervisor group for PhDs cultivation. PhDs are allowed to select one main supervisor via a bidirectional way, and 2-3 other supervisors who are encouraged to be from other disciplines. The supervisor group shall be composed of at least 3 supervisors. Every time, PhDs are only allowed to participate in a periodical assessment after their written reports are approved by the supervisor committee.



Graduate Program for Chemical Engineering and Technology

School	College of Chemistry & Chemical Engineering	Student Type	Master & PhD				
Discipline	Chemical Engineering and Technology	Discipline Code	0817				
Subject included	Chemical Engineering (081701); Chemical Technology(081702); Biochemical Engineering(081703); Applied Chemistry(081704); Industrial Catalysis(081705); energy and chemical industry(0817Z1)						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit Requirement	Master <u>≥23.5</u> credits: <u>≥20</u> credits for courses, <u>3.5</u> credits for other academic sections.						
	PhD <u>≥13</u> credits: <u>≥10</u> credits for courses, <u>3</u> credits for other academic sections.						
Program Objectives	Chemical Engineering and Technology is a subject on basic laws of chemical process and physical process in various industries. It includes chemical engineering, chemical technology, biochemical engineering, applied chemistry, industrial catalysis, energy and chemical industry. This program aims to cultivate high-quality talents who are expected to (1) grasp basic theories, specialized knowledge and experiment skills; (2) be fully aware of the development and status quo of the field they study; (3) be rigorous, curious and innovative; (4) be of the ability to undertake research work and solve specialized technical problems; (5) be healthy mentally and physically; and (6) be competent in teaching, researching, developing technology, designing and managing independently.						
Requirements of Research Ability and Other Aspects	Candidates are required to (1) be fully aware of the literature, development and its innovative subjects in the field they engage in; (2) be equipped with experiment skills and testing methods; (3) be of the ability to observe, record, analyze experiments and experiment results, and the ability to detect and solve problems; (4) be of the ability to design experiments and to summarize experiment findings. To apply for a master/doctor degree, candidates shall publish papers according to relevant regulations on thesis defense of the College of Chemistry and Chemical Engineering of Xiamen University.						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA	C		
	000010104	Nature Dialectics	1	FA	C		



	000010201	First Foreign Language	2	FA	C	O	
Compulsory Courses: Master \geq 12 credits, PhD \geq 6 credits	100210001	Transport Phenomena	3	FA	O	O	Masters of 081701-081705 shall select at least 3 courses
	100210002	Advanced Thermodynamics	3	FA	O	O	
	100210003	Advanced Applied Mathematics	3	FA	O	O	
	100210004	Advanced Biochemical Engineering	3	SP	O	O	
	100210005	Advanced Chemical Reaction Engineering	3	SP	O	O	
	100210006	Frontiers of Chemical and Biochemical Engineering	3	SP	O	O	
	330030323	Energy Chemistry and Chemical Engineering	3	FA	O	O	Energy
Optional Courses	100010001	Basic Research Manners and Safety	2	FA	O	O	C for candidates of 081701-081705
	100220002	Process System Engineering	2	FA	O	O	
	100220003	Products engineering	2	FA	O	O	
	100220004	Catalysis Engineering	2	FA	O	O	
	100220005	Metabolic Engineering	2	FA	O	O	
	100220006	Environmental Biotechnology	2	SP	O	O	
	100220007	Topics on Applied Chemistry	2	FA	O	O	
	330030320	Introduction to Energy Systems Engineering	2	FA	O	O	Energy
	330030304	Energy Technology and Engineering	2	FA	O	O	Energy
	390020009	Inorganic synthesis and preparative chemistry for functional materials	2	FA	O	O	Micro-nano
	390020010	Modern Analysis and Characterization for Micro-Nano Materials	2	FA	O	O	Micro-nano
		Other related curriculum	2		O	O	Under the guidance of supervisors
Other Requirements	1. Candidates shall select courses under the guidance of the supervisor. The study plan shall be submitted to the college for the record after it is approved by the supervisor with signature. Courses selected or quitted will						



<p>not be valid without the supervisor's approval.</p> <p>2. Courses completed in the master studies with scores reaching the standard for PhDs can be exempted in the doctoral studies when the application gets approved by both the supervisor and the college.</p>				
Other Academic Sections (C-Compulsory; O-Optional)				
Category	C or O	Credit	Requirements	Evaluation (Ways and time)
Academic Lectures	C	0.5 credit for masters, 1 credit for PhDs	Masters shall attend at least 12 academic lectures/reports, and PhDs at least 20; reports about lectures/reports attended are required.	It is evaluated prior to the thesis defense.
Literature Review and Thesis Proposal, and Research Report	C	1	<p>1. Subjects chosen shall get approved by the candidate's supervisor before he/she starts working on it. The research subject for the thesis shall be decided no later than the end of the second semester of the first academic year.</p> <p>2. Candidates are required to work out the schedule, reading reports and thesis proposal in time. Candidates are required to report the above information to the supervisor team orally and get it approved.</p> <p>Candidates who do not pass the thesis proposal report are allowed a second chance within 2 months. Candidates who are absent from the thesis proposal report and candidates who fail twice will be deprived of the right to apply for a scholarship and the right to apply for a thesis defense. The assessment committee are authorized to advise candidates under the above condition to quit school by providing written materials to the college and the Postgraduate School of Xiamen University for examination and approval. Candidates who are abroad or off-campus for joint study during the thesis proposal report time shall negotiate with the supervisor about the time for their thesis proposal report.</p>	It shall be completed in the summer term of the first academic year, or the first week of the second academic year.



Mid-term Assessment	C	1	<p>The mid-term assessment shall be held in the summer term of the second academic year. Those who fail will be deprived of the right to apply for a scholarship and the right to apply for a thesis defense.</p> <p>1. Each master/PhD shall submit a mid-term progress report along with a PPT to the supervisor, and take in the mid-term assessment. Each master shall deliver a progress report of at least 15 minutes, and each PhD at least 20 minutes. The whole process will be taped for the record. Supervisors shall evaluate masters/PhDs according to their comprehension of their subject, research outcomes and workload, their grasp of the basic theories and specialized knowledge of their chosen field, and other factors.</p> <p>2. Candidates who fail the assessment are allowed second chance. Those who fail the mid-term assessment twice along with those who are absent from the mid-term assessment, will be deprived of the right to apply for a scholarship and the right to apply for a thesis defense. The assessment team is authorized to advise the above-mentioned candidates to quit school, PhDs (including PhDs under the Master-PhD program) will be degraded to master study or advised to quit school. Those who are abroad shall negotiate with the supervisor for the time of their mid-term assessment.</p>	Mid-term assessment shall be held in the summer term of the second academic year.
Teaching Practice	C for masters	1	Masters (including masters under the Master-PhD program) are required to conduct teaching practice.	
Thesis	<p>1. The literature review shall contain a description of the development of the fields relevant to the subject at home and abroad, scientific analysis and an objective evaluation of previous research outcomes, and existing problems.</p> <p>2. Initial data from experiments, spectrograms, and results of analyses shall all be standardized and submitted to the research group for safe keeping. Data shall be authentic and reliable. Analyses shall be reasonable.</p> <p>3. There shall be innovative outcomes out of the thesis research. Candidates are required to publish in time obtained academic outcomes under the guidance of the supervisor.</p> <p>4. Candidates shall have the thesis approved by the supervisor before the submission for thesis review and thesis</p>			



defense. 5. Thesis review, thesis defense and degree granting shall be conducted according to regulations set by the Provisional Regulations on Academic Degree Granting of the People’s Republic of China, and the Regulations on Postgraduates’ Academic Degree Granting of Xiamen University. Thesis review and thesis evaluation shall be conducted according to relevant regulations formulated by the Graduate School of Xiamen University.				
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways.				



Graduate Program for Materials Science and Engineering

School	College of Materials	Student Type	Master & PhD
Discipline	Materials Science and Engineering	Discipline Code	0805
Subject included	Material Physics and Chemistry (080501) ; Materialogy(080502);Materials Processing Engineering(080503);Soft Matter and Functional Materials(0805Z1);Nuclear Engineering and Materials(0805Z2)		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit	Master <u>≥22</u> credits: <u>≥20</u> credits for courses, <u>2</u> credits for other academic sections.		
Requirements	PhD <u>≥12</u> credits: <u>≥10</u> credits for courses, <u>2</u> credits for other academic sections.		
Program Objectives	<p>PhD (including candidates under the Master-PhD program):</p> <p>This program aims to cultivate high-quality and innovative professionals proficient in researching, teaching, and developing and managing technology in the field of materials science and engineering. Detailed objectives are as follows:</p> <ol style="list-style-type: none"> 1. To grasp Marxism-Leninism, Mao Zedong Thought and Deng Xiaoping's Theory on building socialism with Chinese characteristics; to adhere to the Party's basic line for the entire historical period of socialism; to be dedicated to the motherland and abide by its laws and disciplines; to be of a high level of integrity and trust; to strive for China's modernization; 2. To grasp basic theories and concepts of materials science and engineering; to be fully aware of the latest development in their chosen field; to be proficient in at least one foreign language; to be of the ability to read foreign literature fluently and write academic papers skillfully; to be of the ability to do scientific researches independently; 3. To be healthy physically and mentally by taking exercises and taking part in social activities actively. <p>Master:</p> <p>This program aims to cultivate high-quality and innovative professionals proficient in researching, teaching, and developing and managing technology in the field of materials science and engineering. Detailed objectives are as follows:</p> <ol style="list-style-type: none"> 1. To grasp Marxism-Leninism, Mao Zedong Thought and Deng Xiaoping's Theory on building socialism with Chinese characteristics; to adhere to the Party's basic line for the entire historical period of socialism; to be dedicated to the motherland and abide by its laws and disciplines; to be of a high level of integrity and trust; to strive for China's modernization; 2. To grasp basic theories and concepts of materials science and engineering; to be fully aware of the latest 		



	development in their chosen field; to be proficient in at least one foreign language; to be of the ability to read foreign literature fluently and write academic papers skillfully; to be of the ability to do scientific researches and the ability to deal with practical issues independently; 3. To be healthy physically and mentally by taking exercise and taking part in social activities actively.						
Requirements of Research Ability and Other Aspects	PhDs (including candidates under the Master-PhD program): 1. Candidates shall grasp the development of the chosen field and its relevant literature, and be the ability to explore innovative subjects independently; 2. Candidates shall be proficient in English, and be able to read English literature, and write academic papers and present oral reports in English; 3. Candidates shall be of the ability to design experiments, analyze results, detecting problems and summarize findings, and the experiment methods and testing techniques; 4. Candidates shall do well in processing data and literature on computer skillfully. Masters: 1. Candidates shall grasp the development of the chosen field; 2. Candidates shall be able to read English literature and write abstracts in English; 3. Candidates shall have a good command of experiment methods and testing techniques in materials science and technology; 4. Candidates shall be of the ability to design experiments, analyze results, detecting problems and summarize findings; 5. Candidates shall perform well in processing data and literature on computer skillfully; 6. Candidates shall be proficient in writing scientific papers in Chinese.						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA	C		
	000010104	Nature Dialectics	1	FA	C		
Compulsory Courses: Master \geq <u>9</u>	320010101	Materials Thermodynamics and Phase Diagram Calculation	3	FA	O	O	Masters must select two courses among 320010101 -



credits, PhD \geq 3 credits	320010102	Kinetics and Phase Transformation Principles of Materials	3	SP	O	O	320030106 and select one course among 320010107 – 320010108. PhDs must select one course among 320010101 – 320010108. Master of the Nuclear Engineering and Materials must select three courses among 320010108 – 330030303. PhDs of the Nuclear Engineering and Materials must select one course among 320010108 – 330030303.
	320010103	Advanced Solid State Physics	3	FA	O	O	
	320010104	Mechanical Property of Materials	3	SP	O	O	
	320030105	Polymer Modification Principle and Rheology	3	FA	O	O	
	320030106	Soft Matter and Functional Materials	3	FA	O	O	
	320010107	An Introduction to X-ray Crystallography	3	SP	O	O	
	320010108	Fundamental of Electron Microscopy	3	SP	O	O	
	330030301	Nuclear Engineering And Design	3	SP	O	O	
	330030302	Nuclear Reactor Physics	3	FA	O	O	
	330030303	Introduction to Nuclear Engineering	3	FA	O	O	
Optional Courses: Master \geq 7 credits, PhD \geq 5 credits	320010109	Laboratory Safety Training	0	FA	C	C	All candidates must select 320010109, 320010110. They must attend laboratory safety education activities and lectures organized by the college. Candidates have not attended those activities and lectures will not
	320010110	Research Methods and Presentation Skills	2	SU	C	C	
	320010111	Scientific-Technical Information Retrieval	1	FA	O	O	
	320030112	Advanced Chemistry of Inorganic Materials	3	FA	O	O	
	320030113	Methods of Mathematical Physics	3	FA	O	O	
	320030114	Inorganic Composite Materials and Process	3	FA	O	O	
	320010115	Modern Material Processing and Technology	3	SP	O	O	



320010116	The Properties of Materials and Numerical Calculations	2	SP	O	O	be allowed to do experiments for their thesis. 320030112-320030118, 320030119-320030124 are inorganic, metal material curriculum module. 320030125-320030132 are polymer, soft matter material curriculum module. 330030304-330030309 are nuclear engineering and material curriculum module.
320010117	Computational Materials Science	2	FA	O	O	
320030118	Advanced Ceramic Materials	2	SP	O	O	
320030119	Electrochemistry of Materials	2	FA	O	O	
320030120	Precursor Polymer Chemistry	2	SP	O	O	
320030121	Science and Technology of Crystal Growth	2	FA	O	O	
320030122	Preparation and Characterization of Nanomaterials	2	SP	O	O	
320030123	Functional Materials	2	SP	O	O	
320030124	Transport Phenomena on Solidification Process	2	SP	O	O	
320030125	Study Methods for Polymer Materials	3	FA	O	O	
320030126	Polymeric Synthesis and Molecular Design	3	SP	O	O	
320030127	Rubber Technology	3	SP	O	O	
320030201	Concept and Interface of Biomaterials	3	FA	O	O	
320030128	Polymer Matrix Composites and its Processing	2	FA	O	O	
320030129	Liquid Crystalline Polymers	2	FA	O	O	
320030130	Nuclear Magnetic Resonance Spectroscopy	2	FA	O	O	
320030131	Functional Polymer Materials	2	SP	O	O	
320030132	Organic Electronics	2	SP	O	O	
330030304	Energy Technology and Engineering	2	FA	O	O	



	330030305	Instrumentation & Control in Nuclear Power Plants	2	FA	O	O	
	330030306	Nuclear Reactor Safety Analysis	2	FA	O	O	
	330030307	Thermal Hydraulics	2	FA	O	O	
	330030308	Interaction of Radiation with Matter	2	FA	O	O	
	330030309	Nuclear Fuel Cycle	2	FA	O	O	
		Attending Academic Lectures	2	FA, SP	O	O	
Other Requirements	<p>1. For candidates under the Master-PhD program, courses completed in the master studies can be exempted from the doctoral studies.</p> <p>2. Candidates shall design an individual study plan within the first 2 weeks of their first school term. After the study plan is reviewed and approved by the supervisor with signature, candidates shall submit it to the college for the record. Courses selected or quitted will not be valid without the supervisor's approval.</p> <p>3. Only 2 credits are recognized for cross-disciplinary courses.</p>						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures (including Academic Reports)	C	1	<p>Candidates shall attend at least 20 academic lectures and/or reports on engineering technology, and, every time, shall fill out a form (Candidates can download it from the school website "Download Center") and have it signed by the anchorperson.</p> <p>PhDs are required to deliver reports at least one time in the college, or read their academic papers in national or international conferences. For those who choose to deliver reports, they shall have their reports written and signed by their supervisor, and send it to the college for the record prior to their thesis defense.</p>	Prior to the thesis defense, candidates shall submit a report on attending academic lectures (including academic reports) with at least 1,000 characters.			
Mid-term Assessment	C for PhDs		<p>PhDs shall deliver a progress report on their thesis writing with a written paper and a PPT. The assessment committee shall be composed of</p>	<p>It is usually organized in the FA of the second academic year. The assessment committee is</p>			



			<p>three professors who are not in the supervisor team. The following aspects will be evaluated: the candidate's ability to conduct research and solve practical problems, the research design, the application of experiment methods, the analyses and summary of the preliminary test results, the reliability of the data, etc. The assessment committee will give pertinent suggestions on existing problems and directions for further research.</p>	<p>usually composed of three professors invited by the candidate's main supervisor. The name list is required to be sent in advance to the college for approval.</p>
<p>Literature Review and Research Report</p>	<p>C</p>	<p>0</p>	<p>Candidates shall search for and read relevant literature, and understand the status quo and development of their chosen field under the guidance of the supervisor. Candidates shall determine subjects for their thesis writing and design research plans accordingly.</p> <p>A thesis proposal shall cover the source and basis of the subject, an analysis and summary of relevant literature from home and abroad, research plan, research objectives, research contents, key problems, innovative parts, research methods, experiment plans, conditions possessed, potential difficulties and their corresponding solutions, scheduling, etc.</p> <p>Candidates shall present their thesis proposal with a written report and a PPT presentation. The college must be noticed of the report at least three days in advance. The evaluation committee shall be composed of at least 3 associate professors or professors. Only after obtaining the approval from the evaluation committee shall candidates be allowed to apply for a thesis defense.</p> <p>A master's thesis proposal shall contain 5,000-10,000 characters. A PhD's thesis proposal shall contain 8,000-15,000 characters. On the completion of the evaluation, candidates shall fill</p>	<p>It is usually organized by supervisors and completed by the end of the second academic year. Candidates shall submit to the dean of the corresponding department the Postgraduates' Thesis Proposal Report Examination Form for assesment. The approved form shall be submitted to the college for the record.</p>
<p>Thesis Proposal</p>				



			<p>out the Postgraduates' Thesis Proposal Report Examination Form (which can be downloaded from the download center on the college's website), and submit it to the college together with the written report for the record.</p>	
Social Practice	C for masters	1	<p>Social practice is compulsory for masters. Candidates shall accumulate a work load of at least 120 hours. It can be doing investigation under the guidance of the supervisor, or participating in engineering practice, or working as the teaching assistant for laboratory or theoretical courses. The teaching assistant is expected to help the supervisor with exercises instruction, assignments correcting and marking, and experiment instruction, etc.</p> <p>On the completion of the practice, candidates shall complete and submit the Postgraduates' Social Practice Report (which can be downloaded from the college website) to the leading teacher or the supervisor for evaluation. The results shall be submitted to the college for review. The practice counts 1 credit.</p>	<p>It shall be completed prior to the thesis defense. The Postgraduates' Social Practice Report shall be submitted to the college for review and evaluation. The approved practice counts 1 credit.</p>
Thesis	<p>PhDs (including candidates under the master-PhD program):</p> <ol style="list-style-type: none"> 1. The thesis plays an important role in PhD cultivation. PhDs shall determine the subject under the guidance of the supervisor. It shall be combined with provincial-level or state-level scientific research projects led by their supervisor, and shall consider important subjects or frontier subjects in the field of materials science and technology. The chosen subject shall be of great academic significance, and clear research objectives. 2. PhDs shall complete the thesis independently under the guidance of the supervisor. PhDs shall allocate at least 3 years for the their thesis writing and shall conduct laboratory experiments since the enrollment into the program. Experimental records, spectrograms, and analyses on testing results shall all be intact and submitted to the research group for the record. 3. The thesis research shall achieve innovative outcomes. PhDs shall make achievements in scientific research (including publications and patents), and the quantity and the quality of the achievements shall not only meet the requirements of the college, but also the requirements of the institute and the research group. 4. Thesis review, thesis defense, and degree granting shall all meet the requirements set in the Provisional 			



Regulations on Academic Degree Granting of the People's Republic of China, and the Regulations on Postgraduates' Academic Degree of Xiamen University.

Masters:

1. The thesis plays an important role in master cultivation. Candidates shall determine the subject under the guidance of the supervisor. It shall be combined with provincial-level or state-level scientific research projects led by the supervisor, and shall consider important subjects or frontier subjects in the field of materials science and technology.

2. Masters shall allocate at least 2 years for the thesis writing. Experimental records, spectrograms, and analyses on testing results shall all be intact and submitted to the research group for the record.

3. The thesis research shall achieve innovative outcomes. Masters shall make achievements in scientific research (including publications and patents), and the quantity and the quality of the achievements shall not only meet the requirements of the college, but also the requirements of the institute and the research group.

4. Thesis review and thesis defense shall all be conducted according to relevant regulations. Candidates who fail the oral defense shall apply for a second time thesis defense half a year later. Regarding academic degree granting, please refer to the Provisional Regulations on Academic Degree Granting of the People's Republic of China, and the Regulations on Postgraduates' Academic Degree of Xiamen University.

Major References and Journals (C-Compulsory; O-Optional)

No.	Title	Author	Evaluation*	Remarks (C or O)
1	Science	The United States "science" magazine	2	O
2	Nature and its sub publications	British "nature" magazine	2	O
3	Adv. Funct. Mater.	John Wiley & Sons Inc	2	O
4	Adv. Mater.	John Wiley & Sons Inc	2	O
5	Adv. Eng. Mater.	John Wiley & Sons Inc	2	O
6	Adv. Energy. Mater.	John Wiley & Sons Inc	2	O
7	Small	John Wiley & Sons Inc	2	O
8	J. Am. Chem. Soc.	ACS	2	O
9	Nano Lett.	ACS	2	O
10	ACS Nano.	ACS	2	O
11	Chem. Mater.	ACS	2	O
12	J. Phys. Chem. A & B & C	ACS	2	O
13	ACS Appl. Mater. Inter.	ACS	2	O
14	Langmuir	ACS	2	O



15	J. Phys. Chem. Lett.	ACS	2	O
16	Chem. Soc. Rev.	RCS	2	O
17	Energ. Environ. Sci.	RCS	2	O
18	J. Mater. Chem.	RCS	2	O
19	Nanoscale	RSC	2	O
20	Chem. Commun.	RCS	2	O
21	Phys. Chem. Chem. Phys.	RCS	2	O
22	Dalton Trans.	RCS	2	O
23	Mat. Sci. Eng. R.	Elsevier Science	2	O
24	Mater. Sci. Eng. B-Adv	Elsevier Science	2	O
25	Mat. Sci. Eng. A-Struct.	Elsevier Science	2	O
26	Mater. Chem. Phys.	Elsevier Science	2	O
27	Mater. Lett.	Elsevier Science	2	O
28	Solid State Science	Elsevier Science	2	O
29	Solid State Commun.	Elsevier Science	2	O
30	MRS Bull.	MRS	2	O
31	Electrochim Acta	Elsevier Science	2	O
32	Nanotechnology	IOP	2	O
33	Carbon	Elsevier Science	2	O
34	Acta Mater.	Elsevier Science	2	O
35	Intermetallics	Elsevier Science	2	O
36	Scripta. Mater.	Elsevier Science	2	O
37	J Alloy. Compd.	Elsevier Science	2	O
38	J. Am. Ceram. Soc.	John Wiley & Sons Inc	2	O
39	Am Ceram Soc Bull	American Ceramic Society	2	O
40	J Eur. Ceram. Soc.	Elsevier Science	2	O
41	Ceram. Int.	Elsevier Science	2	O
42	Comp. Mater. Sci.	Elsevier Science	2	O
43	Biomaterials	Elsevier Science	2	O
44	Acta Biomater.	Elsevier Science	2	O
45	J. Power. Sources	Elsevier Science	2	O
46	Int. J. Hydrogen Energ.	Elsevier Science	2	O



47	Sol. Energy	Elsevier Science	2	O
48	Sol. Energ. Mat. Sol. C	Elsevier Science	2	O
49	Fuel Cells	John Wiley & Sons Inc	2	O
50	J Hazard. Mater.	Elsevier Science	2	O
51	J Membrane Sci.	Elsevier Science	2	O
52	J. Catal.	Elsevier Science	2	O
53	J. Phase Equilib. Diff.	Springer	2	O
54	J. Nanopart. Res.	Springer	2	O
55	J Mater. Sci.	Springer	2	O
56	Opt. Express	Optical Society of America	2	O
57	Phys. Rev. Lett.	American Physical Society (APS)	2	O
58	Phys Rev. B	American Physical Society(APS)	2	O
59	Appl. Phys. Lett.	American Institute of Physics(AIP)	2	O
60	J. Appl. Phys.	American Institute of Physics (AIP)	2	O
<p>Evaluation ways: 1. Journals listed above are references for the Mid-term Assessment and literature review.</p> <p>2. There is no examination required on literature reaing.</p>				



Graduate Program for Biomedical Engineering

School	College of Materials	Student Type	Master				
Discipline	Biomedical Engineering	Discipline Code	0831				
Subject included							
Length of Study	Master <u>3</u> years;						
Credit Requirements	Master \geq <u>23</u> credits: \geq <u>20</u> credits for courses, <u>3</u> credits for other academic sections.						
Program Objectives	This program aims to cultivate innovative talents who (1) are equipped with basic theories of biology, medical science, and engineering science, and academic thoughts; (2) are able to do inter-disciplinary researches, and express their academic views fluently; and (3) are able to conduct researches of academic significance and application value.						
Requirements of Research Ability and Other Aspects	<p>Candidates are required to:</p> <ol style="list-style-type: none"> 1. grasp the development, literature, experimental methods and testing techniques of the chosen field, and be of the ability to apply them to their thesis writing; 2. be of the ability to design, observe, record, and analyze experiments, and the ability to discover and solve problems; 3. be of the ability to process data and search for literature; 4. be of the ability to write scientific articles in both Chinese and English. 						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits	000010201	The First Foreign Language	2	FA,SP	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA,SP	C		
	000010104	Nature Dialectics	1	FA	C		
Compulsory Courses: Master \geq <u>9</u> credits	320030201	Concept and Interface of Biomaterials	3	FA	O		3 out of the 4
	320010202	Advanced Molecular Biology	3	FA	O		
	320030203	Drug Delivery System	3	FA	O		
	320010204	Biophysics	3	FA	O		
	320010109	Laboratory Safety Training	0	FA	C		
	320010110	Research Methods and Presentation Skills	2	SU	O		



Optional Courses: Master ≥ 7 credits	320010111	Scientific-Technical Information Retrieval	1	FA	O	320010109 is a compulsory course for all candidates though there is no credit for it.
	320030131	Functional Polymer Materials	2	SP	O	
	320030205	Nanomolecular Imaging	2	FA	O	
	320030206	Modern Analysis of Biomaterials	2	FA	O	
	320030207	Biocompatibility Assessment of Medical Devices and Materials	2	FA	O	
	320010208	Biological Engineering Technology	2	FA	O	
	320030209	Tissue Engineering	2	FA	O	
Other Requirements	<p>1. Candidates shall design an individual study plan within the first 2 weeks of their first school term. After the study plan is reviewed and approved by the supervisor with signature, candidates shall submit it to the college for the record. Courses selected or quitted will not be valid without the supervisor's approval.</p> <p>2. Candidates shall abide by rules established by the college and the department.</p>					
Other Academic Sections (C-Compulsory; O-Optional)						
Category	C or O	Credit	Requirements	Evaluation (Ways and time)		
Academic Lectures	C	1	<p>Postgraduates shall attend at least 20 academic lectures, or reports on engineering technology, and, every time, shall fill out a form (Candidates can download it from the school website "Download Center") and have it signed by the anchorperson.</p> <p>PhDs are required to deliver reports at least one time in the college, or read their academic papers in national or international conferences. For those who choose to deliver reports, they shall have their reports written and signed by their supervisor, and send it to the college for the record prior to their thesis defense.</p>	<p>Prior to the thesis defense, candidates shall submit a report on attending academic lectures (including academic reports) with at least 1,000 characters.</p>		
Mid-term Assessment	C	1	<p>The mid-term assessment consists of an oral report and a written report. The oral report shall indicate: (1) the objective and significance of the subject; (2) academic outcomes already achieved; (3) existing or potential problems and their corresponding solutions; (4) scheduling. The written report shall be an essay with at least 3,000 characters, containing a preface, experiments, discussions, and a conclusion. Candidates</p>	<p>The assessment is usually organized in the summer term of the second academic year.</p>		



			who have not undertaken the mid-term assessment are not be allowed to apply for the thesis defense; those who fail their assessment are allowed a second chance three months later; if they fail the second time, they will be shunted.	
Literature Review and Research Report	C	1	A thesis proposal consists of an oral report and a written report. The oral report shall indicate: (1) the purpose and the significance of the subject; (2) the status quo of its research at home and abroad; (3)research objectives and its expected purposes; (4) a feasibility analysis of the research; (5)the scheduling; (6) others (e.g. the results of a pilot study). The written report shall be an essay with at least 3,000 characters and at least 30 references, which contains a preface, experiments, discussions, and a conclusion. Candidates who do not report their thesis proposal are not allowed to apply for a thesis defense. Candidates who fail their proposal report are allowed a second chance three months later. Candidates who fail two times will be shunted.	It is usually organized in the summer term of the first academic year by the Department of Biomaterials. Candidates are evaluated as qualified or unqualified. It counts 1 credit.
Thesis	The thesis shall be concise, clear, and innovative. To obtain the degree, candidates are required to (1) publish at least 1 first-author (if the supervisor is the first author, and the candidate is the second, the candidate will be deemed as the first-author.) academic paper relevant to the thesis in journals in SCI, EI, or ISTP (the academic achievements will be recognized on the reception of the letter of acceptance), or obtain a patent.			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Marine Science

School	School of Ocean and Earth	Student Type	PhD & Master				
Discipline	Marine Science	Discipline Code	0707				
Subject included	Physical oceanography(070701);Marine Biology(070702);Marine Chemistry(070703);Marine Geology (070704);Marine Physics(0707Z1);Marine Biotechnology(0707Z2)						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit Requirements	Master \geq <u>21</u> credits: \geq <u>18</u> credits for courses, <u>3</u> credits for other academic sections.						
	PhD \geq <u>14</u> credits: \geq <u>11</u> credits for courses, <u>3</u> credits for other academic sections.						
Program Objectives	After completing this program, candidates are expected to (1) have a good grasp of basic theories and specialized knowledge of marine science; (2) be proficient in at least one foreign language; (3) be fully aware of the development of marine science; (4) grasp experiment skills; and (5) be of the ability to conduct scientific researches independently and achieve academic outcomes.						
Requirements of Research Ability and Other Aspects	Candidates are required to: (1) acquaint themselves with the development of the field they study, and the literature relevant to their research subjects; (2) be proficient in English, and be of the ability to read relevant literature written in English, to write academic papers and deliver reports in English; (3) be of the ability to design experiments, analyze results, detect problems and summarize findings, and make use of basic experiment methods and testing techniques skillfully; (4) be of the ability to process data and search for literature on computer skillfully; (5) be of the ability to conduct researches on relevant subjects independently.						
Curriculum (*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	The first foreign language	2	SP\FA		O	
	000010102	Study on the theory and practice of socialism Chinese characteristics	1	SP\ FA	C		
	000010104	Dialectics of nature	1	FA	C		
Compulsory Courses: Master \geq <u>6</u> credits, PhD \geq <u>3</u> credits	370020101	SENIOR MARINE GEOLOGY	3	SP	C	C	
	370020102	Advanced Chemical Oceanography	3	SP	C	C	
	370020103	Advanced Biological Oceanography	3	SP	C	C	1 out of the 2



	370020105	Principles and Applications of Marine Biotechnology	3	FA	C	C	
	370020104	Advanced Physical Oceanography	3	SP	C	C	
	370020106	Underwater acoustic communication and signal processing	3	SP	C	C	
Optional Courses	370020107	DSP technology and applications	2	FA	O		
	370020108	Marine Dynamics	2	FA	O		
	370020109	Principles of Nonlinear Dynamics	2	SP	O		
	370020110	Advanced molecular biology	2	SP	O		
	370020111	Advanced Marine Planktology	2	FA	O		
	370020112	Advanced Marine Benthology	2	SP	O		
	370020113	Advances in Marine Ecological	2	FA	O		
	370020114	Advanced Ichthyology	2	SP	O		
	370020115	Paleoceanography and Paleoclimatology	2	FA	O		
	370020116	Large-scale ocean-atmosphere interaction	2	SP	O		
	370020117	Marine Microfossils records	2	SP	O		
	370020118	The Chemistry of Marine Sediments	2	FA	O		
	370020119	MARINE SEDIMENTOLOGY	2	FA	O		
	370020120	Marine Geochemistry	2	SP	O		
	370020121	Marine animal physiology	2	FA	O		
	370020122	Marine animal nutrition and Immunology	2	FA	O		
	370020123	Hydrology for Marine Engineering	2	SP	O		
	370020124	Oceanographic Observation Principles	2	FA	O		
	370020125	Marine Environmental Chemistry	2	SP	O		
370020126	Numerical model for the marine environment	2	SP	O			
370020127	Remote Sensing of Marine Environment	2	FA	O			
370020128	Introduction to marine ecosystem management	2	SP	O			



370020129	Marine Biogeochemical Cycle	2	FA	O		
370020130	Breeding theory and practice for marine organisms	2	SP	O		
370020131	Marine Natural Products	2	SP	O		
370020132	Marine Microbial Technology	2	SP	O		
370020133	Marine Organic Geochemistry	2	SP	O		
370020134	The biogeochemistry of Estuaries	2	FA	O		
370020135	Chemical Paleoceanography	2	FA	O		
370020136	Computational Fluid Dynamics	2	SP	O		
370020137	Frontiers of underwater acoustic communication	2	FA	O		
370020138	Underwater Acoustic Telemetry	2	SP	O		
370020139	Hydrogeology	2	SP	O		
370020140	Stochastic Processes	2	SP	O		
370020141	Introduction of isotopes	2	SP	O		
370020142	Isotope Marine Chemistry	2	SP	O		
370020143	Microbial Oceanography	2	FA	O		
370020144	Stable Isotope Geochemistry	2	FA	O		
370020145	Mathematic method in signal processing	2	SP	O		
370020146	Environmental Physiology of Algae	2	FA	O		
370020147	Tidology	2	SP	O		
370020148	Introduction to physical oceanography	2	FA	O		
370020149	The Comprehensive Experiment of Marine Science	2	FA	O		
370020150	Marine data processing and analysis	2	FA	O		
370020151	Chemical Oceanography	2	FA	O		
370020152	Fluid Mechanics	2	FA	O		
370020153	Fundamentals of acoustics	2	SP	O		
370020154	Principles of Underwater Sound	2	FA	O		
370020155	Physical Oceanography	2	SP	O		
370010156	Probability and Mathematical Statistics	2	FA	O		
370010157	Scientific Paper Writing	2	SP	O		



370010158	Biomathematics	2	FA	O		
370010159	Biostatistical Methods & Computer Application	2	FA	O		
370010160	Data statistical analysis and processing	2	SP	O		
370010161	Specialty English Reading	2	SP	O		
370020201	Sedimentary geochemistry	3	FA		O	
370020202	Numerical model for the atmosphere and ocean	3	SP		O	
370020203	Ecological physiology of Benthos	3	FA		O	
370020204	Geophysical Fluid Dynamics	3	SP		O	
370020205	Topics in molecular biology and molecular toxicology	3	FA		O	
370020206	Exchange between Land-Ocean Interface	3	FA		O	
370020207	Physiological ecology of marine plankton	3	FA		O	
370020208	The theory and practice of the management of marine ecosystem	3	SP		O	
370020209	Marine Biogeochemistry	3	SP		O	
370020210	Research on Genetic Breeding of marine organisms	3	SP		O	
370020211	Marine Microbial Ecology	3	SP		O	
370020212	Physiology and population ecology of marine fishes	3	FA		O	
370020213	Isotopes in the sea	3	FA		O	
370020214	Marine Chemistry in Polar Oceans	3	FA		O	
370020215	The offshore area nutrient dynamics	3	SP		O	
370020216	Regional Oceanography	3	SP		O	
370020217	Ocean Global Change Biology	3	FA		O	
370020218	Underwater acoustic data communication	3	SP		O	
370020219	Satellite Oceanography	3	FA		O	
370020220	Underwater Acoustics for Practicing Engineering	3	FA		O	
370020221	Marine sedimentary geology	3	FA		O	



Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies.			
Other Academic Sections (C-Compulsory ;O-Optional)				
Category	C or O	Credit	Requirements	Evaluation (Ways and time)
Academic Lectures	C	0	Candidates shall attend at least 10 academic lectures	Candidates shall submit a list of lectures attended (approved by the supervisor with signature).
Thesis Proposal	C	1	It shall include (1) title of the thesis; (2) bases of the subject chosen; (3) research objectives and contents; and (4) working schedule.	It is usually held in the third semester. Candidates are required to deliver their thesis proposal to the supervisor team. The supervisor team shall testify the feasibility and provide relevant suggestions for improvement. Candidates shall fill out and submit for the record the Thesis Proposal Report Examination Form for Master Candidates of Xiamen University.
Mid-term Assessment	C for PhDs	1	An oral examination plus a written test	It is usually held in the SP of the second academic year. The make-up examination will be organized in the FA of the third academic year. PhDs shall pass the written test on specialized knowledge before applying to the assessment committee for an oral test and submitting a research plan to the committee. Only after passing both the written and the oral test can PhDs start working on their thesis. The assessment committee shall be composed of at least 3 professors or associate professors (save the candidate's supervisor).
Social Practice	C (1 out of the 3)	1	Candidates shall conduct or participate in field work and accumulate a workload of at least 7 days.	Candidates shall submit a report on social practice.
Teaching Practice			Candidates shall work as the teaching assistant for 1 course for undergraduates.	Candidates shall submit a report on teaching practice.
Inter-Campus Exchange and Communication			Candidates shall attend at least 1 international academic conference.	Candidates shall submit relevant certificate.



Thesis	<p>Basic requirements for the thesis:</p> <ol style="list-style-type: none"> 1. The basic arguments, conclusion, and suggestion shall be of theoretical significance and/or practical value. 2. The candidate shall have had a good grasp of basic theories and specialized of ecology, and research methods and skills. 3. The thesis shall reflect the candidate’s abilities in conducting scientific researches or solving practical problems. 4. The research shall be innovative and contributive. <p>Masters are encouraged to publish their academic outcomes achieved during the process of thesis writing. The publication is however not compulsory. PhDs shall publish in time the academic outcomes achieved during the process of thesis writing under the guidance of the supervisor. For more detailed information, please refer to the Regulations on Academic Publications of Postgraduates of School of Ocean and Earth of Xiamen University.</p>			
Major References and Journals (C-Compulsory ;O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p style="padding-left: 40px;">2. Examination on thesis proposal or comprehensive examination;</p> <p style="padding-left: 40px;">3. Reading Report;</p> <p style="padding-left: 40px;">4. Other specific ways.</p>				



Graduate Program for Ecology

School	College of the Environment and Ecology	Student Type	Master & PhD
Discipline	Ecology	Discipline Code	0713
Subject included	Ecology (0713);		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit Requirements	Master \geq <u>24</u> credits: \geq <u>21</u> credits for courses, <u>3</u> credits for other academic sections.		
	PhD \geq <u>12</u> credits: \geq <u>9</u> credits for courses, <u>3</u> credits for other academic sections.		
Program Objectives	<p>This program aims to cultivate talents who (1) grasp the basic theories, research methods, and the development of ecology; (2) are able to analyze and solve problems with ecology principles; and (3) are eligible for doing research in fields relevant to ecology.</p> <p>Masters are required to grasp the basic theories and concepts of ecology, and be of the ability to do theoretical research and the ability to solve practical problems, and be of the ability to conduct academic researches and academic exchanges in foreign languages.</p> <p>PhDs are required to have a good grasp of basic theories and concepts of ecology, and to equip themselves with the ability to do scientific research and technology innovation independently, and to be able to see things from an international perspective and conduct international academic exchanges fluently.</p>		
Requirements of Research Ability and Other Aspects	<p>Requirements on individual quality:</p> <p>1. Academic quality. Candidates are required to (1) have a good grasp of basic theories and concepts of modern ecology, and basic experimental skills, and basic methods for ecological engineering design; (2) be fully aware of the theoretical frontiers, application prospect, and the latest development of ecology; (3) acquaint themselves with relevant policies and regulations in fields like environmental protection, intellectual property rights, and social ethics; (4) be of the ability to search for and collect relevant data and literature with or without modern information technology, and the ability to conduct academic exchanges in English.</p> <p>2. Academic ethics. Candidates are required to abide by academic norms and to avoid any kinds of improper academic behaviors such as plagiarism, fabricating or distorting data.</p> <p>Requirements on basic abilities:</p> <p>1. Knowledge acquisition and academic judgment. Candidates are required to (1) grasp knowledge of relevant fields necessary for conducting researches on ecological science, ecological engineering, and ecological management: biology, systems science, ecology, ecological design, ecological planning, and environmental protection and management; (2) be of the ability to grasp existing academic achievements in ecology with the help of information technology; (3) acquaint themselves with literature and development of fields relevant to ecology; (4) be of the ability to criticize and testify academic arguments, and to make</p>		



	<p>academic contributions.</p> <p>2. Scientific research and academic innovation. Candidates are demanded to (1) be equipped with research ability and engineering application ability in a certain field among ecological science, ecological engineering and technology, and ecological management; (2) be of the ability to put forward theoretical or application problems, and do researches with necessary laboratory investigations and field investigations.</p> <p>PhDs are expected to do innovative researches and to publish their academic achievements internationally in SCI, EI, and SSCI journals. Masters are expected to do innovative researches and to publish their academic achievements in core journals in Chinese.</p> <p>3. Academic exchange and teaching. Masters shall be able to conduct academic exchanges, i.e., they shall be of the ability to deliver speeches, write academic papers and debate fluently and smoothly. PhDs shall be proficient in English and be able to publish papers written in English and conduct academic exchanges in English. PhDs shall also be eligible for teaching. To equip themselves with the above-mentioned abilities, candidates shall actively participate in academic conferences and seminars, and teaching practice.</p>
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Curriculum

(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)

Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA,SP	C	O	
	000010102	Study on the theory and practice of socialism Chinese characteristics	1	FA,SP	C		
	000010104	Natural Dialectics	1	FA	C		
Compulsory Courses: Master \geq <u>11</u> credits, PhD \geq <u>5</u> credits	380010001	English Seminar	2	FA,SP	C	C	
	380012001	Progress in Ecology	3	FA	O	C	
	380012002	Advanced Ecology	3	FA	C	O	
	380012003	Methods for Ecology Research	3	FA	C	O	
	380012004	Coastal Wetland Ecology	3	SP	C(Alter native)	O	
380012005	Ecological Engineering: principles and methods	3	SP	O			
Optional Courses: Master \geq <u>6</u> credits, PhD \geq <u>2</u> credits	380032001	Current Topics in Pollution Ecology	2	SP	O	O	
	380032002	Community and Ecosystem	2	SP	O	O	
	380032003	Current Topics in Molecular Ecology	2	FA	O	O	



	380032004	Advanced Marine Ecology	2	FA	O	O	
	380032005	Ecological Planning and Design	2	SP	O	O	
	380032006	Application of Isotopes in Ecological Study	2	FA	O	O	
	380010002	Statistical Analysis and Data Processing	2	FA	O	O	
	380010003	Environmental and Ecological Information System	2	FA	O	O	
	380010004	Environmental and Ecological Omics Technology	2	SP	O	O	
	380010005	Marine Environment Ecology	2	SP	O	O	
	380010006	Instrumental Analysis and Experimental Technology	3	FA	O	O	
Other Requirements	<p>1. For compulsory courses, the passing score is 70, and optional courses, 60.</p> <p>2. Courses completed in the master studies can be exempted in the doctoral studies.</p> <p>3. The supervisor will decide whether the PhD candidate shall take the courses they have not taken during their master studies (applicable to PhDs enrolled from other campuses) or not.</p>						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements			Evaluation (Ways and time)	
Academic Lectures	C	1	Candidates shall attend at least 20 academic lectures and/or academic forums.			It will be evaluated when candidates apply for the thesis defense.	
Mid-term Assessment	C for PhDs	1	It consists of a written test (writing an application for Natural Science Foundation of China for non-thesis academic papers) and an oral test (a simulated defense for the application); it aims to test PhDs' grasp of basic theories and specialized knowledge of their chosen field, and to assess the candidate's ability to conduct relevant researches, and to start the thesis writing.			It is usually held in the third semester (first semester of the second academic year). Before the comprehensive test, candidates are required to fill out a form on PhDs' comprehensive test for the record. The content and form of the test shall get approved by the college, the department, and the degree-granting committee. The mid-term assessment will be conducted by the assessment	



				committee composed of at least 5 experts invited by the candidate's supervisor.
Literature Review and Research Report		1	It aims to test candidates' ability in writing literature review and scientific research reports.	The assessment shall be conducted by the supervisor or the supervisor team.
Thesis Proposal	C	1	<p>1. Candidates shall apply to the supervisor team for a thesis proposal examination after having a good knowledge of the status quo of the research in their chosen field at home and abroad, completing necessary preliminary experiments for their research, and having passed the comprehensive test. They shall fill out the Thesis Proposal Report Examination Form for Master/PhD Candidates of Xiamen University, which includes title of the thesis, bases and foundations of the chosen subjects, research objectives and contents, and research schedule.</p> <p>2. Candidates shall demonstrate to the examination committee the feasibility of the chosen subjects. The examination committee shall provide valuable suggestions and advice for improvement and modifications. Candidates shall revise their research plan accordingly (including working schedule and anticipated outcomes).</p>	Candidates shall complete their thesis proposal report before the end of the fourth semester (the second semester of the second academic year). Candidates' thesis proposal and literature review shall be evaluated by the supervisor team.
Social Practice		1	Candidates are required to participate in at least 1 research project led by the supervisor, or social investigation organized by the university, the college, or other organizations.	On the completion of the practice, candidates shall log onto the Information Management Platform of the Graduate School to fill in relevant information.
Teaching Practice	C for masters	1	Candidates are required to work as the teaching assistant, social practice instructor, or a lab assistant for at least 1 course.	Candidates shall also fill out the Postgraduates' Social Practice Report and submit it to the



				teaching secretary for review.
Inter-Campus Communication and Exchange		1	Candidates are encouraged to participate in academic communications and exchange programs.	
Thesis	<p>Master Thesis:</p> <ol style="list-style-type: none"> 1. The basic arguments, conclusion, and suggestion shall be of theoretical significance and/or practical value. 2. The candidate shall have had a good grasp of basic theories and specialized of ecology, and research methods and skills. 3. The thesis shall reflect the candidate's abilities in conducting scientific researches and/or solving practical problems. 4. The research shall be innovative and contributive. <p>PhD Thesis:</p> <ol style="list-style-type: none"> 1. The basic arguments, conclusion, and suggestion shall be of great theoretical significance and/or practical value. 2. The candidate shall have had a good grasp of basic theories and specialized of ecology, and research methods and skills. 3. The thesis shall reflect the candidate's abilities in conducting scientific researches and/or solving practical problems. 4. The research shall be innovative and contributive. 			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	Mangrove Ecosystem (in Chinese)	Peng Lin	2	C
2	Animal Ecology Principals (in Chinese)	Ru-yong Sun	2	C
3	Ecological Engineering and Ecosystem Restoration	Mitsch WJ & Jørgensen SE	2	O
4	Ecology	Journal	2	C
5	Advances in Ecological Research	Journal	2	C
6	Annual Review of Ecology and Systematics	Journal	2	C
7	Current Advances in Ecology and Environmental Science	Journal	2	O
8	Ecological Engineering	Journal	2	O
9	Nature	Journal	2	O
10	Science	Journal	2	O



- Evaluation ways:
1. Examination: Knowledge of references and journals to be covered on the examination;
 2. Examination on thesis proposal or comprehensive examination;
 3. Reading Report;
 4. Other specific ways.



Graduate Program for Environmental Science and Engineering

School	College of the Environment and Ecology	Student Type	Master & PhD
Discipline	Environmental Science and Engineering	Discipline Code	0830
Subject included	Environmental Science(083001);Environmental Engineering(083002);Environmental Marketing(083020)		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit Requirements	Master \geq <u>24</u> credits: \geq <u>21</u> credits for courses, <u>3</u> credits for other academic sections.		
	PhD \geq <u>12</u> credits: \geq <u>9</u> credits for courses, <u>3</u> credits for other academic sections.		
Program Objectives	<p>This program aims to cultivate high-quality talents who (1) have a good grasp of basic theories and specialized knowledge of environmental science and engineering; (2) are fully aware of the research trends at home and abroad; (3) are able to communicate and write academic papers in English; (4) are equipped with the ability to analyze and solve problems; (5) are competent in designing experiments and doing researches independently; and (6) are eligible for teaching or researching on environmental science and its relevant subjects in colleges and universities or research departments.</p>		
Requirements of Research Ability and Other Aspects	<p>Requirements on individual quality:</p> <ol style="list-style-type: none"> 1. Academic quality. Candidates are required to (1) have a good grasp of basic theories and concepts of environmental science and engineering, and basic experimental skills, and basic methods for environmental engineering design; (2) be fully aware of the theoretical frontiers, application prospects, and the latest developments of environmental science and engineering; (3) acquaint themselves with relevant policies and regulations in fields like environmental protection, intellectual property rights, and social ethics; (4) be of the ability to search for and collect relevant data and literature with or without modern information technology, and the ability to conduct academic exchanges in English. 2. Academic ethics. Candidates are required to abide by academic norms and avoid any kinds of improper academic behaviors such as plagiarism, fabricating or distorting data. <p>Requirements on basic abilities:</p> <ol style="list-style-type: none"> 1. Knowledge acquisition and academic judgment. Candidates are required to (1) grasp knowledge of relevant fields necessary for conducting researches on environmental science, environmental engineering, and environmental management: environmental chemistry, environmental biology, ecological planning and managing, and control over water and air pollution; (2) be of the ability to grasp existing academic achievements in environmental science and engineering with the help of information technology; (3) 		



acquaint themselves with literature and development of fields relevant to environmental science and engineering; (4) be of the ability to criticize and testify academic arguments, and to make academic contributions.

2. Scientific research and academic innovation.

Candidates are demanded to (1) be equipped with research ability and engineering application ability in a certain field among environmental science, environmental engineering, and environmental management; (2) be of the ability to put forward theoretical or application problems, and do researches on them with necessary laboratory investigations and field investigations.

PhDs are expected to do innovative researches and to publish their academic achievements internationally in SCI, EI, and SSCI journals. Masters are expected to do innovative researches and to publish their academic achievements in core journals in Chinese.

3. Academic exchange and teaching. Masters shall be able to conduct academic exchanges; i.e., they shall be of the ability to deliver speeches, write academic papers and debate fluently and smoothly. PhDs shall be proficient in English and be able to publish papers written in English and conduct academic exchanges in English. PhDs shall also be eligible for teaching. To equip themselves with the above-mentioned abilities, candidates shall actively participate in academic conferences and seminars, and teaching practice.

Curriculum

(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)

Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		O	
	000010201	First Foreign Language	2	FA/SP	C	O	
	000010102	Study on the theory and practice of socialism Chinese characteristics	1	FA/SP	C		
	000010104	Natural Dialectics	1	FA	C		
Compulsory Courses: Master \geq <u>11</u> credits, PhD \geq <u>5</u> credits	380010001	English Seminar	2	SP/SP	C	C	
	380011001	Research Frontier and Progress of Environmental Science and Engineering	3	FA	C	C	
	380021001	Theory and method in Environmental Science	6	FA/SP	C (ES)		
	380021002	Theory and method in Environmental Marketing	6	FA/SP	C (EM)		



	380021003	Theory and method in Environmental Engineering	6	FA/SP	C (EE)		
Optional Courses: Master ≥ 6 credits, PhD ≥ 3 credits	380031001	Integrated Coastal Marketing	2	FA	O	O	
	380031002	Environmental assessment: Cases and Practices	2	SP	O	O	
	380031003	Environmental Planning	2	FA	O	O	
	380031004	Hydrology and Aquatic Environment	2	SP	O	O	
	380031005	Engineering Fluid Mechanics	2	FA	O	O	
	380031006	Advanced Oxidation Technology and its Applications in Environmental Pollution Control	2	SP	O	O	
	380031007	Soil Pollution and Remediation	2	SP	O	O	
	380031008	Environmental Change: Research Methodology	2	FA	O	O	
	380031009	Environmental Geochemistry	2	SP	O	O	
	380010002	Statistical analysis and data processing	2	FA	O	O	
	380010003	Environmental and ecological information system	2	FA	O	O	
	380010004	Environmental and Ecological Omics Technology	2	SP	O	O	
	380010005	Marine Environment Ecology	2	SP	O	O	
	380010006	Instrumental Analysis and Experimental Technology	3	FA	O	O	
Other Requirements	1. For compulsory courses, the passing score is 70, and 60 for optional courses. 2. Courses completed in the master studies can be exempted in the doctoral studies.						



3. The supervisor will decide whether the PhD candidate shall take the courses they have not taken during their master studies (applicable to PhDs enrolled from other campuses) or not.				
Other Academic Sections (C-Compulsory; O-Optional)				
Category	C or O	Credit	Requirements	Evaluation(Ways and time)
Academic Lectures	C	1	Candidates shall attend at least 20 academic lectures and/or academic forums.	It will be evaluated when candidates apply for the thesis defense.
Mid-term Assessment	C for PhDs	1	It consists of a written test (writing an application for Natural Science Foundation of China for non-thesis academic papers) and an oral test (a simulated defense for the application); it aims to test PhDs' grasp of basic theories and specialized knowledge of their chosen field, and to assess the candidate's ability to conduct relevant researches and to start the thesis writing.	It is usually held in the third semester (first semester of the second academic year). Before the comprehensive test, candidates are required to fill out a form on PhDs' comprehensive test for the record. The content and form of the test shall get approved by the college, the department, and the degree-granting committee. The mid-term assessment will be conducted by the assessment committee composed of at least 5 experts in relevant fields invited by the candidate's supervisor.
Literature Review and Research Report		1	It aims to test postgraduates' ability in writing literature review and scientific research reports.	The assessment shall be conducted by the supervisor or the supervisor team.
Thesis Proposal	C	1	1. Candidates shall apply to the supervisor team for a thesis proposal examination after having a good knowledge of the status quo of the research in their chosen field at home and abroad, completing necessary preliminary experiments for their research, and having passed the comprehensive test. They shall fill out the Thesis Proposal Report Examination Form for Master/PhD Candidates of Xiamen University, which includes title	Candidates shall complete their thesis proposal report before the end of the fourth semester (the second semester of the second academic year). Candidates' thesis proposal and literature review shall be evaluated by the supervisor team.



			<p>of the thesis, bases of the chosen subject, research objectives and contents, and research schedule.</p> <p>2. Candidates shall demonstrate to the examination committee the feasibility of the chosen subjects. The examination committee shall provide valuable suggestions and advice for improvement and modifications. Candidates shall revise their research plan accordingly (including working schedule and anticipated outcomes).</p>	
Social Practice		1	<p>Candidates are required to participate in at least 1 research project led by the supervisor, or social investigation organized by the university, the college, or other organizations.</p>	<p>On the completion of the practice, candidates shall log onto the Information Management Platform of the Graduate School to fill in relevant information. Candidates shall also fill out the Postgraduates' Social Practice Report and submit it to the teaching secretary for review.</p>
Teaching Practice		1	<p>Candidates are required to work as the teaching assistant, social practice instructor, or a lab assistant for at least 1 course. The accumulated workload shall be at least 30 hours.</p>	
Inter-Campus Communication and Exchange		1	<p>Candidates are encouraged to participate in academic communications and exchange programs in the field of environmental science and engineering for more than 3 months. It is however not compulsory.</p>	
Thesis	<p>Master Thesis:</p> <ol style="list-style-type: none"> 1. The basic arguments, conclusion, and suggestion shall be of theoretical significance and/or practical value. 2. The candidate shall have had a good grasp of basic theories and specialized of ecology, and research methods and skills. 3. The thesis shall reflect the candidate's abilities in conducting scientific researches and/or solving practical 			



<p>problems.</p> <p>4. The research shall be innovative and contributive.</p> <p>PhD Thesis:</p> <p>1. The basic arguments, conclusion, and suggestion shall be of great theoretical significance and/or practical value.</p> <p>2. The candidate shall have had a good grasp of basic theories and specialized of ecology, and research methods and skills.</p> <p>3. The thesis shall reflect the candidate's abilities in conducting scientific researches and/or solving practical problems.</p> <p>4. The research shall be innovative and contributive.</p>				
<p>Major References and Journals (C-Compulsory; O-Optional)</p>				
No.	Title	Author	Evaluation*	Remarks (C or O)
1	Environmental Chemistry	David-E.	3	O
2	Environmental Ecology	Xiang-rong QU	3	O
3	Principle of Environmental Engineering	Hong-Ying Hu	3	O
4	Environment and Sustainable development	Guang Ma	3	O
5	Instrument analysis		3	O
6	Environmental Science and Technology	Journal	3	O
7	Water Research	Journal	3	O
8	Environmental Toxicology and Chemistry	Journal	3	O
9	Nature	Journal	3	O
10	Science	Journal	3	O
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Marine Affairs

School	Coastal and Ocean Marketing Institute	Student Type	Master & PhD
Discipline	Marine Science, Law, Public Administration, Applied Economics, Environmental Science and Engineering	Discipline Code	99J3
Subject included	Marine Affairs (99J3)		
Program Duration	Master <u>2</u> years; PhD <u>4</u> years		
Credit Requirements	Master \geq <u>23</u> credits: \geq <u>21</u> credits for courses, <u>2</u> credits for other academic sections.		
	PhD \geq <u>12</u> credits: \geq <u>9</u> credits for courses, <u>3</u> credits for other academic sections.		
Program Objectives	<p>Marine affair is a discipline which is closely related to oceanography, environmental science, management science, economics, politics, jurisprudence, etc.</p> <p>Master:</p> <p>This program aims to cultivate high-level talents who are eligible for positions relevant to ocean and coastal zone management, marine economy, marine policy and ocean laws. After completing the program, masters are expected to (1) be fully aware of the latest development and potential challenges of marine affairs at home and abroad; (2) grasp basic theories and methodologies of fields relevant to marine affairs; and (3) be equipped with the ability to solve complicated problems by participating in activities relevant to marine affairs.</p> <p>PhD:</p> <p>It aims to cultivate researchers and managers who are proficient in strategies and policies of marine development, ocean laws, marine economy, and ocean and coastal zone management, and are eligible for high positions in colleges and universities, research institutes, government departments, and enterprises. After four-year study, PhDs are expected to (1) be deeply aware of the research development and frontier issues of marine affairs; (2) grasp basic theories and specialized knowledge of relevant fields; (3) be of the ability to conduct researches independently, and achieve theoretical or practical outcomes; (4) be of the ability to read relevant literature, write academic papers and communicate with foreign scholars fluently in at least one foreign language; and (5) be competent for jobs in colleges and universities, research institutes, government sectors and other large enterprises and institutes.</p>		
Requirements of Research Ability and Other Aspects	<p>1. PhD of science: PhDs shall publish one paper above the level of JCR-II (note: Journals in the Catalogue of International Top Journals in Environmental Protection (Xiamen University, No.[2013] 24) are above the level of JCR-II), or 2 academic papers in other SCI journals prior to the degree application.</p> <p>2. PhD of Management: PhDs shall publish at least one paper in the top journals or the first-class core journals (not inclusive of supplements, special issues or albums), or 3 papers in the second-class core journals recognized by Xiamen University.</p>		



Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA/ SP	C		
	000010104	Nature Dialectics	1	FA	C		
	000010201	First Foreign Language	2	FA, SP	C		
	000010502	*Rudiments of Chinese Language	2	FA	C		
	000010504	*Selected Issues on China	2	FA	C		
Compulsory Courses: Master \geq <u>11</u> credits, PhD \geq <u>5</u> credits	380221001	*Front of Marine Affairs	3	FA	C	C	
	380221002	*Marin Science and Ocean Uses	2	FA	C	O	
	380221003	*Ocean and Coastal Marketing	2	FA	C	O	
	380221004	*Economics of Marine Resources and Environment	2	SP	C	O	
	380221005	*Marine Policy and Law	2	SP	C	O	
Optional Courses	380232001	*Public Policy Analysis	2	SP	O	O	
	380232002	*Overview of Marine Pollution	2	SP	O	O	
	380233001	*Geospatial Technologies for Coastal Zone Marketing	2	FA	O	O	Methodology
	380233002	*Marine Ecosystem Marketing	2	SP	O	O	Methodology
	380223003	*Marine Spatial Planning	2	SP	O	O	Methodology
	380233004	*Case Studies of Environmental Planning and Marketing in Coastal Areas	2	SP	O	O	Methodology
Other Requirements	<ol style="list-style-type: none"> 1. Courses with a * are instructed in English. 2. For optional courses, masters shall select those taught in English first. 3. The supervisor or the supervisor group shall request candidates to take core classes of other colleges or disciplines according to the candidates' academic background and their research interest. 4. Courses completed in the master studies can be exempted in the doctoral studies. 						



Other Academic Sections (C-Compulsory; O-Optional)				
Category	C or O	Credit	Requirements	Evaluation (Ways and time)
Academic Lectures	C	1	Masters shall attend at least 10 seminars, academic reports/forums, and PhDs at least 20.	Candidates are required to fill out and submit the Academic Activity Attendance Record to the college for evaluation prior to the thesis proposal.
Mid-term Assessment	C for PhDs	1	<p>It is the qualifying examination for PhDs. It aims to test PhDs' grasp of basic theories and specialized knowledge of marine affairs, their ability in analyzing and solving problems, and their ability in conducting scientific researches in their chosen field.</p> <p>It can be an oral test or a written test, or both. PhDs shall present a report on their study and research progress to the assessment committee, and answer questions posed by the assessment committee. If the assessment team considers it necessary, there can be a written test.</p> <p>PhDs are not be allowed to work on their thesis until they have passed the mid-term assessment.</p>	The assessment team shall be composed of at least 3 associate professors or professors. The name list shall be submitted to the Department of Ocean and Coastal Zone Management for the record. The mid-term assessment shall be organized by the assessment committee. It is usually held in the fourth semester (in the SP of the second academic year).
Literature Review and Research Report	O		Postgraduates shall submit a literature review and a research report to the supervisor/the supervisor team.	Candidates shall submit a literature review and a research report to the supervisor/the supervisor team for review prior to the thesis proposal.
Thesis Proposal	C		1. Candidates shall apply to the supervisor/the supervisor team for a thesis proposal examination after having a good knowledge of the status quo of the research in their chosen field at home and abroad. Candidates shall fill out the Thesis Proposal Report Examination Form for Master/PhD Candidates of Xiamen University,	PhDs shall complete their thesis proposal in the fourth semester (the SP of the second academic year). Masters shall complete their thesis proposal in the third semester (the FA of



			<p>which includes title of the thesis, bases and foundations of the chosen subject, research objectives and contents, and research schedule.</p> <p>2. The supervisor shall organize the thesis proposal examination. The candidate shall present the thesis proposal to the supervisor team members and demonstrate the feasibility of the chosen subjects. The examination committee shall provide valuable suggestions and advice for improvement and modification.</p> <p>3. And candidates are required to revise their research scheme accordingly, and put forward a complete research project.</p>	the second academic year).
Social Practice	C	1	<p>Candidates shall conduct social practice under the guidance of the supervisor for at least 3 weeks. The social practice can be social investigation, field investigation, volunteering services, etc.</p>	<p>On the completion of the practice, candidates shall log onto the Information Management Platform of the Graduate School and fill relevant information. Candidates shall also fill out the Postgraduates' Social Practice Report and submit it to the teaching secretary for review.</p>
Teaching Practice	O		Postgraduates shall participate in teaching practice under the guidance of the supervisor.	It shall be evaluated by the supervisor.
Inter-Campus Communication and Exchange	O		Postgraduates shall engage in inter-campus exchange or communication under the guidance of the supervisor.	It shall be evaluated by the supervisor.
Thesis	<p>Masters: Masters shall select a subject of theoretical or practical value, conduct the research with appropriate research methods and techniques, and testify the results with rigorous reasoning. The thesis writing shall conform to academic norms of the discipline.</p> <p>PhDs: (1)Subjects chosen shall be of theoretical or great practical significance in marine affairs.</p>			



	<p>(2) The candidate shall have had a solid grasp of basic theories and in-depth specialized knowledge of the relevant fields.</p> <p>(3) The candidate shall have had a good grasp of research methods and techniques, and competence in conducting scientific researches independently.</p> <p>(4) The research shall achieve innovative academic outcomes.</p> <p>The thesis writing shall meet standards and requirements for thesis writing, including the chosen subject, supporting materials, expression, structure, reasoning, writing, quoting and format.</p>
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Major References and Journals (C-Compulsory; O-Optional)

No.	Title	Author	Evaluation*	Remarks (C or O)

Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;
 2. Examination on thesis proposal or comprehensive examination;
 3. Reading Report;
 4. Other specific ways.



Graduate Program for Optical Engineering

School	School of Information Science and Engineering	Student Type	Master				
Discipline	Optical Engineering	Discipline Code	0803				
Subject included							
Length of Study	Master <u>3</u> years;						
Credit Requirements	Master \geq <u>22</u> credits: \geq <u>19</u> credits for courses, <u>3</u> credits for other academic sections.						
Program Objectives	After the completion of this program, candidates are expected to (1) have a good command of basic theories and concepts of optics and optical engineering, and specialized knowledge of other relevant fields; (2) develop morally, intellectually, and physically; (3) be proficient in at least one foreign language; (4) be equipped with the ability to do theoretical and experimental researches, and developing technology; and (5) be rigorous and competent in researching, teaching, developing and managing engineering technology.						
Requirements of Research Ability and Other Aspects	<ol style="list-style-type: none"> 1. Candidates are required to have a good grasp of basic theories and specialized knowledge of their chosen field. 2. Candidates are demanded to equip themselves with the ability to undertake scientific research or engage in technical work independently. 						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First foreign language	2	FA/SP	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	2	FA/SP	C		
	000010104	Dialectics of nature	1	FA	C		
Compulsory Courses: Master \geq <u>9</u> credits	130220007	Optical waveguide theory and technology	3	SP	O		
	130210006	Advance physical optics	3	FA	O		
	130210008	laser principle	3	FA	O		
	130210005	Semiconductor Optic Electronics	3	SP	O		
	130230036	Fiber optics	3	FA	O		
Optional	130230018	Optical system CAD	2	SP	O		



Courses: Master \geq <u>6</u> credits	130230037	MATLAB and Engineering Computing	2	FA	O		
	130220038	Information Optics	2	SP	O		
	130230039	Modern Optical Thin Film Technology	2	SP	O		
	130220020	The principle and application of optoelectronic devices	2	SP	O		
	130230019	Optoelectronic information materials	2	SP	O		
	130230041	Organic optoelectronic materials and devices	2	FA	O		
	130030024	Professional foreign language	2	FA/SP	O		
Other Requirements	Candidates shall select at least 1 inter-disciplinary course as an optional course.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	1	Candidates shall take an active part in academic activities and attend at least 20 academic lectures or reports.	It will be evaluated before the thesis defense by the college.			
Mid-term Assessment	C	1	Candidates in the second academic year are required to present a mid-term progress report on their their thesis.	In the summer term of the second academic year, the department will organize on the discipline level mid-term assessment. The authorized assessment committee shall evaluate comprehensively candidates' performance in their thesis writing. Candidates are required to deliver a report with PPT.			
Thesis Proposal	C		Under the guidance of their supervisor, candidates shall determine their subject after having a good knowledge of the status quo, the literature and the development of optical engineering. And candidates are required to draw up a plan and complete their thesis proposal. A thesis proposal shall demonstrate the significance of the chosen subject, main research contents, and	It is held before the end of the FA of the second academic year. It requires an oral defense with a PPT presentation.			



			research programs.	
Teaching Practice and/or Social Practice	C	1	In the second academic year, candidates shall work as the teaching assistant for undergraduate or master courses, or graduation design, or to participate in social practice or investigation.	Candidates shall fill out the Practice Report and have it reviewed and evaluated by the thesis supervisor, the practice supervisor and the course instructor with signature. The report shall be submitted to the college for the record. The practice counts 1 credit.
Inter-Campus Communication and Exchange	O		Candidates are encouraged to study in prestigious colleges and universities or research institutes at home or abroad	

Major References and Journals (C-Compulsory; O-Optional)

No.	Title	Author	Evaluation*	Remarks (C or O)

Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;
 2. Examination on thesis proposal or comprehensive examination;
 3. Reading Report;
 4. Other specific ways.



Graduate Program for Electronic Science and Technology

School	School of Information Science and Engineering	Student Type	Master & PhD
Discipline	Electronic Science and Technology	Discipline Code	0809
Subject included	Direction A: Physical Electronics(080901) ; Direction B: Electronic Circuit and System(080902) ; Direction C: Microelectronics and solid state electronics(080903); Direction D: Electromagnetic field and microwave technology(80904)		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit Requirements	Master \geq <u>22</u> credits: \geq <u>19</u> credits for courses, <u>3</u> credits for other academic sections.		
	PhD \geq <u>12</u> credits: \geq <u>9</u> credits for courses, <u>3</u> credits for other academic sections.		
Program Objectives	<p>It aims to cultivate high-quality, professional talents who have developed morally, intellectually and physically, serve the needs of China's economic development and socialist construction.</p> <p>Master:</p> <p>After completing this program, candidates are expected to (1) have a good grasp of basic theories and specialized knowledge of electric science and technology along with its development trend; (2) be equipped with the ability to undertake scientific researches and engage in technical work independently; and (3) be of the ability to read foreign literature, write abstracts for academic papers, and communicate with others in at least one foreign language.</p> <p>PhD:</p> <p>PhDs are expected to (1) have a good command of basic theories and concepts of electric science and technology; (2) gave a relatively strong ability to detect, analyze, and solve problems; (3) be competent in conducting fundamental researches and applied researches on frontier topics in the field of electric science and its inter-discipline fields; and (4) be eligible for positions in colleges and universities, research departments, high-technology sectors, enterprises, etc.</p>		
Requirements of Research Ability and Other Aspects	<p>Candidates shall keep developing themselves morally, intellectually, and physically. Detailed requirements are as follows:</p> <ol style="list-style-type: none"> Candidates shall (1) keep learning and finally master basic theories of Marxism and Mao Zedong Thought; (2) stick to the four cardinal principles; (3) be dedicated to their motherland; (4) abide by laws and principles; (5) have a sense of social responsibility; (6) be honest and trustworthy. Candidates shall (1) have a good command of basic theories and specialized knowledge of their chosen field; (2) be proficient in at least one foreign language; (3) be of the ability to undertake academic research independently; (4) be able to achieve innovative outcomes in the field they study. 		



Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First foreign language	2	FA/SP	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA/SP	C		
	000010104	Dialectics of nature	1	FA	C		
Compulsory Courses: Master <u>> 9</u> credits, PhD <u>> 3</u> credits	130220001	The principle and design of embedded system	3	SP	C for		Master's compulsory courses are optional for PhDs (2 credits/course).
	130220002	The theory and application of artificial intelligence	3	FA	Direction B:1 out of the 3		
	130220003	Design of VLSI circuits and systems	3	SP			
	130220004	Semiconductor Device Physics	3	FA	C for Direction		
	130220005	semiconductor optic electronics	3	SP	C:1 out of the 2		
	130210006	Advance physical optics	3	FA	C for		
	130220007	waveguide theory and technology	3	SP	Direction A:1 out of the 3		
	130210008	laser principle	3	FA			
	130220009	Advanced Numerical Analysis	3	FA			
	130230010	Advanced electromagnetic theory	3	FA	C for Direction		
	130230011	Fiber optic theory and technology	3	FA	D:1 out of the 4		
	130230012	The modern theory of microwave network and antenna	3	FA			
130210025	Thesis about the frontier of electronic science and technology	3	SP		C		



Optional Courses: Master \geq 6 credits, PhD \geq 4 credits	130230013	Analog integrated circuit and layout design	2	SP	O	
	130220014	RF and microwave electronics	2	SP		
	130230015	Semiconductor material and device characterization	2	FA		
	130230016	Micro / nano electronic devices and technology experiment	2	SP		
	130230017	Theory and technology of modern circuit	2	FA		
	130230018	Optical system CAD	2	SP		
	130230019	Optoelectronic information materials	2	SP		O
	130220020	The principle and application of optoelectronic devices	2	SP		
	130230021	Electromagnetic wave and its application (Advanced)	2	SP		
	130230022	Advanced optical fiber sensing theory and technology	2	SP		
	130230023	Computational electromagnetics and Its Applications	2	SP		
	130030024	Professional English	2	SP/FA		
	130210026	Optoelectronic technology progress	2	SP		
	130230027	Research progress and application of solid state laser	2	SP		
	130230028	Fiber laser	2	FA		
130220029	Laser materials and technology	2	SP			



	130220030	The theory and technology of laser	2	SP		
	130220031	The integration of theory and design method of micro electronic system	2	SP		
	130230032	The theory and model of intelligent communication system	2	FA		
	130230033	Nitride semiconductor materials and devices	2	FA		
Other Requirements	<p>1. Courses completed in the master studies can be exempted in the doctoral studies.</p> <p>2. Masters are allowed to select 1 inter-disciplinary course (compulsory or optional) as one of their optional courses.</p> <p>3. Candidates under the master-PhD program shall take courses both for masters and PhDs.</p> <p>4. Candidates under the master-PhD program shall take courses for PhDs in the summer semester of the second academic year, under the guidance of the supervisor.</p>					
Other Academic Sections (C-Compulsory; O-Optional)						
Category	C or O	Credit	Requirements	Evaluation (Ways and time)		
Academic Lectures	C	1	<p>Candidates shall take an active part in academic activities.</p> <p>Masters shall attend at least 20 academic lectures/reports.</p> <p>PhDs shall attend at least 25 academic lectures/reports.</p>	<p>Prior to the thesis defense, candidates shall have their attendance record reviewed by their supervisor and the department.</p>		
Mid-term Assessment	C	1	<p>It aims to test candidates' grasp of basic theories and specialized knowledge of their chosen field. All candidates in their second academic year shall present a mid-term progress report on their thesis writing. Candidates shall publicly deliver a report on their thesis writing, working attitude toward the thesis writing and their devotion to the thesis writing.</p>	<p>Masters: It is usually held before the end of the second academic year (during the summer semester). An assessment committee will be assigned by the college to evaluate candidates' comprehensive abilities, thesis writing, working attitude towards the thesis writing, and their devotion. Candidates who pass the</p>		



				<p>evaluation will be allowed to enter into the thesis writing phase.</p> <p>PhDs: The comprehensive test is normally held in the fourth semester, and PhDs are required to submit a mid-term report (equivalent to a master thesis). The comprehensive test is a crucial reference for the mid-term shunt. The assessment might be an oral or a written test, or a paper (with a PPT presentation).</p>
Literature Review and Research Report	C for PhDs		<p>Candidates are expected to read literature relevant to a certain topic, and present a research report after a series of processing. The research report shall display new development, new technology and new findings of a certain subject, and introduce comprehensively its history and current situation, its existing problems and development. The research report shall also include candidates' own viewpoints and predictions of the development trend of the technology.</p>	<p>It shall be presented by the end of the third semester with a PPT presentation.</p>
Thesis Proposal	C		<p>Candidates shall complete their thesis proposal after reading relevant literature and acquainting themselves with the status quo and development of their chosen field under the guidance of the supervisor. The thesis proposal shall demonstrate the significance of the chosen subject, its main contents and research programs.</p>	<p>Candidates are required to report their thesis proposal with a PPT presentation before the end of the third semester.</p>
Teaching Practice and/or Social Practice	C	1	<p>In the second academic year, candidates shall work as the teaching assistant for undergraduate or master courses, or graduation design, or to participate in social</p>	<p>Candidates shall fill out the Practice Report and have it reviewed and evaluated by the thesis supervisor, the practice supervisor and the course</p>



			practice or investigation.	instructor with signature. The report shall be submitted to the college for the record. The practice counts 1 credit.
Inter-Campus Communication and Exchange			Candidates are encouraged to study in prestigious colleges and universities or research institutes at home or abroad.	
Thesis	<p>Basic requirements for the thesis writing:</p> <ol style="list-style-type: none"> 1. The main arguments, conclusion and suggestions shall be of theoretical significance and practical value. 2. The candidate shall have had a good grasp of basic theories and specialized knowledge of the chosen field. 3. The candidate shall have had already equipped himself/herself with basic research methods and skills, and is competent in conducting scientific research or specialized technical work. 4. The research shall be innovative, and contributive to the academia. 			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Information and Communication Engineering

School	School of Information Science and Engineering	Student Type	Master & PhD				
Discipline	Information and Communication Engineering	Discipline Code	0810				
Subject included	Communication and Information Systems(081001);Signal and Information Processing (080102)						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit Requirements	Master \geq <u>22</u> credits: \geq <u>19</u> credits for courses, <u>3</u> credits for other academic sections.						
	PhD \geq <u>12</u> credits: \geq <u>9</u> credits for courses, <u>3</u> credits for other academic sections.						
Program Objectives	Candidates are expected to (1) be dedicated to their motherland, conform to academic ethics, and be willing to strive for China's modernization; (2) abide by laws and disciplines, and observe academic norms; (3) be interested in information and communication engineering, and have a good grasp of basic theories and concepts of it and its latest development; (4) be competent in conducting scientific research; (5) be proficient in at least one foreign language and be able to conduct academic communications in at least one foreign language; and (6) be competent in teaching, researching and other works in the field of information and communication engineering.						
Requirements of Research Ability and Other Aspects	<p>1. Candidates are required to have a good grasp of basic theories and concepts in their chosen field.</p> <p>2. Candidates are required to be competent in undertaking scientific researches and other specialized technical work.</p> <p>3. To obtain an academic degree, they shall achieve academic outcomes that meet the requirements set by authorized committees.</p>						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First foreign language	2	FA/SP	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA/SP	C		
	000010104	Dialectics of nature	1	FA	C		



	000010103	Marxism and social science methodology	1	SP			
Compulsory Courses: Maste \geq <u>6</u> credits, PhD \geq <u>6</u> credits	130410001	Elements of Information Theory	3	FA	O		
	130420002	Stochastic Processes	3	FA			
	130410003	Modern Singnal Processing	3	FA			
	130420004	Digital communication	3	SP			
	130420005	Computer Networking	3	SP			
Optional Courses: Master \geq <u>9</u> credits, PhD \geq <u>1</u> credit	130010001	Professional English	2	SP/FA	O		
	130430006	Underwater Acoustic Communication	2	FA			
	130420007	Coding and modulation technology	2	FA			
	130020005	Machine Learning	2	FA			
	130420009	Wireless Communication Engineering	2	FA			
	130020010	Digital Image Processing	2	FA			
	130420011	Data Structure and Algorithm Design	2	FA			
	130430012	Interface Technique of Microcomputer	2	FA			
	130430013	Optimization Theory and its applications in Engineering Problems	2	FA			
	130430014	Probing and Imaging Technology	2	SP			
	130430015	Broadband Access Technologies	2	SP			
	130420016	Network Information security	2	SP			
	130430017	Embedded System and Application	2	SP	O		
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements			Evaluation (Ways and time)	



Academic Lectures	C	1	<p>Candidates shall take an active part in academic activities.</p> <p>Masters shall attend at least 20 academic lectures/reports.</p> <p>PhDs shall attend at least 25 academic lectures/reports.</p>	<p>Prior to the thesis defense, candidates shall have their attendance record reviewed by the supervisor and the department.</p>
Mid-term Assessment	C	1	<p>It aims to test candidates' grasp of basic theories and specialized knowledge of their chosen field. All candidates in their second academic year shall present a mid-term progress report on their thesis writing. Candidates shall publicly deliver a report on their thesis writing, working attitude toward the thesis writing and their devotion to the thesis writing.</p>	<p>Masters: It is usually held before the end of the second academic year (during the summer semester). An assessment committee will be assigned by the college to evaluate candidates' comprehensive abilities, thesis writing, working attitude towards the thesis writing, and their devotion.</p> <p>PhDs: The comprehensive test is normally held in the SP or FA of the second academic year, and PhDs are required to submit a mid-term report. The comprehensive test is a crucial reference for the mid-term shunt. The assessment might be an oral or a written test (with a PPT presentation).</p>
Literature Review and Research Report	C for PhDs		<p>Candidates are expected to read literature relevant to a certain topic, and present a research report after a series of processing. The research report shall display new development, new technology and new findings of a certain subject, and introduce comprehensively its history and current situation, its existing problems and development. The research report shall also include candidates' own viewpoints and predictions of the development trend of the technology.</p>	<p>It shall be reported by the end of the third semester with a PPT presentation.</p>
Thesis Proposal	C		<p>Candidates shall complete their thesis proposal after reading relevant literature and acquainting</p>	<p>Candidates are required to present their thesis proposal with a PPT</p>



			<p>themselves with the status quo and development of their chosen field under the guidance of the supervisor. The thesis proposal shall demonstrate the significance of the chosen subject, its main contents and research programs.</p>	<p>presentation to the examination committee before the end of the FA of the second academic year.</p>
Teaching Practice and/or Social Practice	C	1	<p>In the second academic year, candidates shall work as the teaching assistant for undergraduate or master courses, or graduation design, or to participate in social practice or investigation.</p>	<p>Candidates shall fill out the Practice Report and have it reviewed and evaluated by the thesis supervisor, the practice supervisor and the course instructor with signature. The report shall be submitted to the college for the record. The practice counts 1 credit.</p>
Thesis	<p>Basic requirements for the thesis writing:</p> <ol style="list-style-type: none"> 1. The main arguments, conclusion and suggestions shall be of theoretical significance and practical value. 2. The candidate shall have had a good grasp of basic theories and specialized knowledge of the chosen field. 3. The candidate shall have had already equipped himself/herself with basic research methods and skills, and is competent in conducting scientific research or specialized technical work. 4. The research shall be innovative, and contributive to the academia. 			
<p>Major References and Journals (C-Compulsory; O-Optional)</p>				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways.</p>				



Graduate Program for Control Science and Engineering

School	School of Information Science and Engineering	Student Type	Master & PhD
Discipline	Control Science and Engineering	Discipline Code	0811
Subject included	<p>1. Master program covers secondary disciplines:</p> <p>Direction A: Control theory and control engineering (081101); Detection technology and automatic equipment (081102); Navigation, guidance and control (081105)</p> <p>Direction B: System engineering(081103);Bioinformatics; Modeling and simulation theory and technology;</p> <p>Direction C: Pattern recognition and intelligent system(081104);</p> <p>2. PhD program covers secondary disciplines:</p> <p>Control theory and control engineering (081101); System engineering(081103);</p>		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit Requirements	Master \geq <u>24</u> credits: \geq <u>21</u> credits for courses, <u>3</u> credits for other academic sections.		
	PhD \geq <u>12</u> credits: \geq <u>9</u> credits for courses, <u>3</u> credits for other academic sections.		
Program Objectives	<p>It aims to cultivate high-quality, professional talents who have developed morally, intellectually and physically, serve the needs of China's economic development and socialist construction.</p> <p>Master:</p> <p>After completing this program, candidates are expected to (1) have a good grasp of basic theories and specialized knowledge of control science and engineering along with its development trend; (2) be equipped with the ability to undertake scientific researches and engage in technical work independently; and (3) be of the ability to read foreign literature, write abstracts for academic papers, and communicate with others in at least one foreign language.</p> <p>PhD:</p> <p>PhDs are expected to (1) have a good command of basic theories and concepts of control science and engineering; (2) have a relatively strong ability to detect, analyze, and solve problems; (3) be competent in conducting fundamental researches and applied researches on frontier topics in the field of control science and its inter-discipline fields; and (4) be eligible</p>		



	for positions in colleges and universities, research departments, high-technology sectors, enterprises, etc.						
Requirements of Research Ability and Other Aspects	<p>Masters are required to (1) have a good grasp of basic theories of their chosen field; (2) be fully aware of the development of control science and engineering, and relevant professional literature; (3) participate in research projects led by the supervisor and be competent in undertaking assigned tasks independently; (4) publish at least one academic journal paper.</p> <p>PhDs are required to (1) be fully aware of the research progress and development in their chosen field; (2) write at least one academic report on literature review, or one application for research projects centering around frontier topics in control science and engineering; (3) be of the ability to do research and undertake at least one sub-project.</p>						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First foreign language	2	FA/SP	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	2	FA/SP	C		
	000010104	Dialectics of nature	1	FA	C		
Compulsory Courses: Master \geq <u>12</u> credits, PhD \geq <u>6</u> credits	130310001	Modern mathematical method	3	FA		C: 2 out of 3	
	130320002	Theory of control system	3	SP			
	130320003	Theory of statistical learning	3	SP			
	130320004	Functional analysis	3	FA	C for Direction A: four out of five		
	130320005	Theory of linear system	3	FA			
	130320006	Nonlinear and self-adaptive control	3	SP			
	130320007	Matrix Theory	3	SP			
	130320008	Detecting techniques and signal processing	3	FA			
	130320020	Optimal control	3	SP	C for Direction B: four out of five		
	130320010	Advanced operational research	3	FA			
	130320011	Theory and method of system engineering	3	FA			



	130320012	System modeling and simulation	3	SP	C for Direction C		
	130320013	Bioinformatics	3	SP			
	130320014	Principles and applications of artificial intelligence	3	SP			
	130320004	Pattern recognition	3	FA			
	130320015	Optimization method	3	FA			
	130320010	Digital image processing	3	SP			
Optional Courses: Master ≥ <u>5</u> credits, PhD ≥ <u>1</u> credit	130320017	Modeling and simulation of complex system	2	SP		O	
	130320018	Robust control	2	SP		O	
	130320019	Vehicle movement and modeling	2	SP		O	
	130320037	Selected reports	2	SP/FA	O	O	
	130320021	Flight mechanics and control	2	FA	O for Direction A		
	130320022	Control system fault detection, diagnosis and fault-tolerant control	2	SP			
	130320023	Digital signal processing in control system	2	FA			
	130320024	Large database system	2	FA			
	130320025	Information system analysis and design	2	FA	O for Direction B		
	130320026	Theory of probabilistic graphic model and its applications	2	SP			
	130320027	Statistical inference and statistical learning	2	SP			
	130320036	Modern optimal computing method	2	FA			
	130320030	Complex network modeling and control	2	FA			
	130320031	Statistical modeling and R language	2	SP			
130320032	Design of neural network	2	FA	O for			



	130320005	Machine learning	2	SP	Direction C		
	130320033	Data mining method and applications	2	FA			
	130320034	Time series analysis	2	FA			
Other Requirements	Courses completed during the master studies can be exempted in the doctoral studies. Detailed requirements are formulated by different programs.						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	1	Candidates shall take an active part in academic activities. Masters shall attend at least 20 academic lectures/reports. PhDs shall attend at least 25 academic lectures/reports.	Prior to the thesis defense, candidates shall have their attendance record reviewed by their supervisor and the department.			
Mid-term Assessment	C	1	It aims to test candidates' grasp of basic theories and specialized knowledge of their chosen field. All candidates in their second academic year shall present a mid-term progress report on their thesis writing. Candidates shall publicly deliver a report on their thesis writing, working attitude toward the thesis writing and their devotion to the thesis writing.	<p>Masters: It is usually held before the end of the second academic year (during the summer semester). An assessment committee will be assigned by the college to evaluate candidates' comprehensive abilities, thesis writing, working attitude towards the thesis writing, and their devotion.</p> <p>PhDs: The comprehensive test is normally held in the SP of the second academic year, and PhDs are required to submit a mid-term report (equivalent to a master thesis). The comprehensive test is a crucial reference for the mid-term shunt. The assessment might be an oral or a written test (with a</p>			



				PPT presentation).
Literature Review and Thesis Proposal	C		<p>1. Candidates are expected to read literature relevant to a certain topic, and present a research report after a series of processing. The research report shall display new development, new technology and new findings of a certain subject, and introduce comprehensively its history and current situation, its existing problems and development. The research report shall also include candidates' own viewpoints and predictions of the development trend of the technology.</p> <p>2. Candidates shall complete their thesis proposal after reading relevant literature and acquainting themselves with the status quo and development of their chosen field under the guidance of their supervisor. The thesis proposal shall demonstrate the significance of the chosen subject, its main contents and research programs.</p>	It is held at the end of the third academic year.
Teaching Practice and/or Social Practice	C	1	In the second academic year, candidates shall work as the teaching assistant for undergraduate or master courses, or graduation design, or to participate in social practice or investigation.	Candidates shall fill out the Practice Report and have it reviewed and evaluated by the thesis supervisor, the practice supervisor and the course instructor with signature. The report shall be submitted to the college for the record. The practice counts 1 credit.
Inter-Campus Communication and			Candidates are encouraged to study in prestigious colleges and universities or research institutes at home or abroad.	



Exchange				
Thesis	<p>1. Masters:</p> <p>The basic procedures for the thesis writing are as follows.</p> <p>The thesis proposal. Under the guidance of the supervisor, masters are required to complete the thesis proposal after having collected relevant data and conducted necessary researches.</p> <p>The thesis proposal examination. On the completion of the thesis proposal, candidates shall present it to the research team or the research institute faculty for examination, stating the bases of the chosen subject, the status quo of the research and the expected research outcomes. The thesis proposal shall be approved before the candidate furthers the research.</p> <p>Conducting research. Under the guidance of the supervisor, the candidate conducts the thesis research as scheduled. The candidate shall report regularly to the supervisor about the research. On the completion of the thesis, the candidate shall submit the thesis and apply for the mock viva.</p> <p>Thesis review. After the thesis gets approved by the supervisor, the mock viva shall be organized by the teaching and research office. After the candidate passes the mock viva, the thesis shall be submitted for thesis review. Thesis defense. The thesis defense shall be conducted by following relevant regulations established by the university.</p> <p>2. PhDs:</p> <p>1. PhDs shall complete the thesis independently under the guidance of the supervisor, and allocate at least 2 years for the thesis writing.</p> <p>2. PhDs are expected to choose frontier subjects or subjects of great significance to China's economic and social development. Candidates are required to present a thesis proposal report in the first academic year.</p> <p>The thesis shall demonstrate that the candidate has had a good grasp of basic theories and in-depth specialized knowledge of the chosen field, and that the candidate is capable of conducting scientific researches independently and achieving academic outcomes of great academic value and/or application value.</p>			
Major references and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Computer Science and Technology

School	School of Information Science and Engineering	Student Type	Master & PhD
Discipline	Computer Science and Technology	Discipline Code	0812
Subject included	Computer Application Technology (081203); Computer Software and Theory (081202); Computer System Architecture (081201); Cognitive Science and Technology(0812Z1); Pattern Recognition and Intelligent System(081104)		
Length of Study	Master <u> 3 </u> years; PhD <u> 4 </u> years		
Credit Requirements	Master \geq <u> 22 </u> credits: \geq <u> 19 </u> credits for courses, <u> 3 </u> credits for other academic sections.		
	PhD \geq <u> 12 </u> credits: \geq <u> 9 </u> credits for courses, <u> 3 </u> credits for other academic sections.		
Program Objectives	<p>Masters of computer science and technology shall grasp basic theories of computer system architecture, computer software and theory, computer application technology, and cognitive science and technology, and shall have a good command of specialized knowledge, current situations, development, and research frontiers of at least one of the above mentioned fields. Candidates are also required to be proficient in at least one foreign language. Besides, candidates shall be of the ability to conduct fundamental research, basic applied research and applied research, and make technological innovation, and design, develop and manage systems. Masters shall also be competent in undertaking scientific researches and other specialized technical work independently.</p> <p>It aims to cultivate high-quality professionals who will have developed themselves morally, intellectually and physically, and are eligible for teaching, researching, designing, and developing in the field of computer science. Masters after completing this program shall be competent in positions in colleges and universities, research institutes, and enterprises, or pursuing further education.</p> <p>PhDs of computer science and technology shall grasp basic theories of computer system architecture, computer software and theory, computer application technology, and cognitive science and technology, and shall have a good command of in-depth specialized knowledge, current situations, development, and research frontiers of at least one of the above mentioned fields. PhDs are demanded to do well in detecting and exploring frontier issues of their chosen field, and to be proficient in at least one foreign language. Besides, candidates shall be of the ability to conduct fundamental research, basic applied research and applied research, and make technological innovation, and design, develop and manage systems. PhDs shall also be competent in undertaking scientific researches and other specialized technical work independently.</p> <p>It aims to cultivate high-quality scholars who will have developed themselves morally, intellectually and physically, and are eligible for teaching, researching, designing, and developing in the field of computer</p>		



	science independently. PhDs after completing this program shall be competent in positions in colleges and universities, research institutes, and enterprises, or pursuing further education.						
Requirements of Research Ability and Other Aspects	<p>1. Academic quality.</p> <p>Candidates are required to (1) respect and promote science; (2) pursue truth; (3) be interested in science; (4) be honest, rigorous, innovative and cooperative; (5) abide by academic norms on science and technology studies; (6) acquaint themselves with intellectual property rights.</p> <p>Candidates are demanded not only to be acquainted with disciplines that are interlinked with computer science and technology, but also with the academic thoughts and research methodologies of computer science and technology. They are also required to be of the ability to solve both theoretical and practical problems. Besides, they shall be healthy mentally and physically, and be adjustable to social changes.</p> <p>2. Academic ethics.</p> <p>Candidates shall (1) be dedicated to their motherland, and abide by its laws and disciplines; (2) have a strong sense of social responsibility, and safeguard interests of the nation and the people; (3) conform to academic morality and ethics; (4) never plagiarize others academic outcomes, or falsify, fabricate, or adopt optionally experiments and observed data.</p>						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First foreign language	2	FA/SP	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	2	FA/SP	C		
	000010104	Dialectics of nature	1	FA	C		
Compulsory Courses: Master \geq <u>6</u> credits, PhD \geq <u>6</u> credits	130110002	Introduction to the Theory of Computation	3	FA	Choose 2 out of the 5		
	130110003	Computational Intelligence	3	FA			
	130110004	High Performance Algorithms	3	SP			
	130110005	Advanced Artificial Intelligence	3	FA			
	130020005	Machine Learning	3	SP			Choose
	130120009	Advanced Software Architecture	3	SP		2 out of the 5	
	130120010	Mind and Brain Computation	3	FA			



	130110006	The Theory of Computational Complexity	3	FA			
	130120007	Computer Vision	2	FA			
Optional Courses: Master \geq <u>9</u> credits, PhD \geq <u>1</u> credit	130010001	Professional English	2	SP/FA			
	130120011	Big Data Processing Technology	2	SP	choose 4 out of the 8		
	130130012	Data Mining and Analysis	2	FA			
	130130013	Information Security	2	SP			
	130130015	Advanced Computer Architecture	2	SP			
	130110008	Distributed Programming	2	FA			
	130130014	Artificial Robotics	2	FA			
	130120022	The Foundation of Cognitive Science	2	SP			
	130020004	Pattern Recognition	2	SP			
	130120016	Data Science Basic	2	FA	choose 1 out of the 7		
	130130017	Advances in Video Analysis	2	FA			
	130130018	Computational cryptography	2	SP			
	130130019	Approximation Computation	2	SP			
	130130020	Cloud Computing Technology	2	FA			
130130021	Computational Linguistics	2	FA				
Other Requirements	<p>1. Courses completed in the master studies can be exempted in the doctoral studies.</p> <p>2. Academic learning-oriented candidates are expected to select PhDs courses and courses for professional training-oriented candidates as their optional courses.</p> <p>3. Professional training-oriented candidates can select PhDs courses and courses for academic learning-oriented candidates as their optional courses.</p> <p>4. PhDs can take compulsory courses for academic learning-oriented candidates as their optional courses.</p> <p>5. Candidates under the master-PhD program shall select courses according to relevant regulations.</p>						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements		Evaluation (Ways and time)		
Academic Lectures	C	1	Candidates are required to take an active part in academic activities. Masters shall attend at least 20 academic lectures/reports.		Prior to the thesis defense, candidates shall have their attendance record reviewed by the supervisor and the department.		



			PhDs shall attend at least 25 academic lectures/reports.	
Mid-term Assessment	C	1	<p>It aims to examine candidates' grasp of basic theories and specialized knowledge of their chosen field. All candidates in their second academic year shall present a mid-term progress report on their thesis writing. Candidates shall publicly deliver a report on their thesis writing, working attitude and devotion toward the thesis writing and the significance of the thesis.</p>	<p>Masters: It is usually held by the end of the second academic year. An assessment committee will be assigned by the college to evaluate candidates' comprehensive abilities, thesis writing, working attitude towards the thesis writing, and their devotion. Candidates who pass the evaluation are allowed to enter into the thesis writing phase.</p> <p>PhDs: The comprehensive test is normally held in the fourth semester, and PhDs are required to submit a mid-term report (equivalent to a master thesis). The comprehensive test is a crucial reference for the mid-term shunt. The assessment might be an oral or a written test, or a paper (with a PPT presentation).</p>
Literature Review and Thesis Proposal	C		<p>Candidates are expected to read literature relevant to a certain topic, and present a research report after a series of processing. The research report shall display new development, new technology and new findings of a certain subject, and introduce comprehensively its history and current situation, its existing problems and development. The research report shall also include candidates' own viewpoints and predictions of the development trend of the technology.</p>	<p>It is held in the FA of the second academic year.</p>



Teaching Practice and/or Social Practice	C	1	In the second academic year, candidates shall work as the teaching assistant for undergraduate or master courses, or graduation design, or to participate in social practice or investigation.	Candidates shall fill out the Practice Report and have it reviewed and evaluated by the thesis supervisor, the practice supervisor and the course instructor with signature. The report shall be submitted to the college for the record. The practice counts 1 credit.
Inter-Campus Communication and Exchange			Candidates are encouraged to study in prestigious colleges and universities or research institutes at home or abroad.	
Thesis	<p>Thesis review and thesis defense will all be carried out according to relevant regulations.</p> <p>Masters:</p> <p>The master thesis shall make academic contributions. The basic concepts and conclusion shall be original and authentic. It shall be supported with abundant experiment data and feasible technology. To apply for the academic degree, candidates shall have obtained all credits required, and meet one of the following requirements:</p> <ol style="list-style-type: none"> 1. The publication of at least 1 research paper in SCI or EI journals; or 1 paper presented at international academic conferences and accepted by EI or CCF-C; or 1 paper published in journals in CSCI, or obtaining a patent from home or abroad. 2. Prior to applying for the academic degree, candidates are required to have published at least 1 first-author (if the supervisor is the first author, and the candidate is the second, the candidate will be deemed as the first author.) academic paper relevant to the thesis with Xiamen University as the first affixation. For papers published in SCI, SSCI, or EI journals, the letters of acceptance will be recognized. For patented academic outcomes, candidates shall be the first patent owner, or the second with the supervisor being the first. Patented academic outcomes shall have Xiamen University as the first affixation. <p>PhDs (including candidates under master-PhD program):</p> <p>The PhD thesis shall make academic contributions. The basic concepts and conclusions shall be original and authentic. It shall be supported with abundant experiment data and feasible technology. To apply for the academic degree, PhDs shall have obtained all credits required, and meet one of the following requirements:</p> <ol style="list-style-type: none"> 1. The publication of at least 1 journal article in JCR-section 2 (with DOI numbers); or 1 academic paper in SCI journals and 1 in CCF-A journals, or 2 papers in SCI journals; or 1 paper in SCI (CCF recommended) journals and obtaining at least 1 patent. (Note: essays, abstracts, and reports do not count). 2. Prior to applying for the academic degree, candidates are required to publish at least 1 first-author (if the supervisor is the first author, and the candidate is the second, the candidate will be deemed as the first author) academic paper relevant to the thesis with Xiamen University as the first affixation. For patented academic 			



<p>outcomes, the candidate shall be the first patent owner, or the second with the supervisor being the first. Patented academic outcomes shall have Xiamen University as the first affixation.</p>				
<p>Major references and Journals (C-Compulsory; O-Optional)</p>				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways.</p>				



Graduate Program for Software Engineering

School	Software School	Student Type	Master				
Discipline	Software Engineering	Discipline Code	0835				
Subject included	Digital Media Technology (0835Z1)						
Length of Study	Master <u>3</u> years						
Credit Requirements	Master ≥ 24 credits: ≥ 22 credits for courses, <u>2</u> credits for other academic sections.						
Program Objectives	<p>This program aims to cultivate high-quality talents who (1) have a good grasp of basic theories, practice methods and skills of software engineering; (2) are of the ability to detect, analyze, and solve problems; and (3) are cooperative and innovative.</p> <p>After the completion of this program, candidates are expected to (1) acquaint themselves with software engineering and digital media technology; (2) be innovative in software engineering and digital media technology; (3) have a good command of relevant techniques of software engineering and digital media technology; (4) cooperate with researchers belonging to relevant disciplines; (5) grasp learning and researching skills; and (6) meet the academic level set by Regulations on Degree of the People's Republic of China.</p>						
Requirements of Research Ability and Other Aspects	<p>1. Academic quality. Candidates are required to (1) respect and promote science; (2) pursue truth; (3) be interested in science; (4) be honest, rigorous, innovative and cooperative; (5) abide by academic norms; (6) acquaint themselves with intellectual property rights; (7) promote the combination of humanities and science; (8) be optimistic about life; (9) do well in dealing with the relationship between humans, human and society, and human and nature.</p> <p>2. Academic ethics. Candidates shall (1) be dedicated to their motherland, and abide by its laws and disciplines; (2) have a strong sense of social responsibility, and safeguard interests of the nation and the people; (3) conform to academic morality and ethics; (4) never plagiarize others academic outcomes, or falsify, fabricate, or adopt optionally experiments and observed data.</p>						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits	000010201	First foreign language	2	FA/SP	C		
	000010104	Dialectics of Nature	1	FA	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	SP	C		
Compulsory Courses:	140010005	Specialized English	2	SP	C		
	140010001	IT Project Marketing	3	FA	SE:		SE



Master \geq 8 credits	140010002	Engineering Mathematics	3	SP	choose 2 out of the 3; DMT: choose 2 out of the 3 ;		SE,DMT
	140020001	Principle for Human--Computer Interaction	3	SP			DMT
	140020002	Advanced Computer Graphics	3	FA			DMT
	140010004	Netware Programing and Distributed Computing	3	SP			SE
Optional Courses: Master \geq 10 credits	140010003	Information Security	2	FA	SE: choose 5 out of the 6; DMT: choose 5 out of the 6;		SE
	140030001	Big Data Processing Technology	2	SP			SE
	140020002	Advanced Computer Graphics	2	FA			SE
	140030002	Data Mining and Knowledge Discovery	2	SP			SE
	140030003	Principles of Internet of Things and cloud computing technology	2	SP			SE
	140010006	Advanced Softwaere Engineering	2	FA			SE,DMT
	140030004	Principles for 3D Modeling	2	FA			DMT
	140030005	Virtual Reality Technologies	2	FA			DMT
	140030006	Computer Vision	2	SP			DMT
	140030007	Principles for Game Design	2	SP			DMT
140030008	GPU Programming Techniques	2	SP		DMT		
Other Requirements							
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements			Evaluation (Ways and time)	
Academic Lectures	C	1	Candidates shall take an active part in academic activities, and shall attend at least 20 academic lectures/reports.			Candidates shall submit the attendance record for review.	
Literature Review and Research Report			Candidates are expected to read literature relevant to a certain topic, and present a research report after a series of processing. The research report shall display new development, new technology and new findings of a certain subject, and introduce comprehensively its history				



			and current situation, its existing problems and development. The research report shall also include candidates' own viewpoints and predictions of the development trend of the technology.	
Thesis Proposal			Candidates shall complete their thesis proposal after reading relevant literature and acquainting themselves with the status quo and development of their chosen field under the guidance of the supervisor. The thesis proposal shall demonstrate the significance of the chosen subject, its main contents and research programs.	
Social Practice			Candidates are encouraged to conduct social practice, researches and investigations in other universities and enterprises.	
Teaching Practice	C	1	Candidates shall work as the teaching assistant for 1 undergraduate course.	
Inter-Campus Communication and Exchange	O		Candidates are encouraged to study in prestigious colleges and universities or research institutes at home or abroad.	
Thesis	<p>Thesis review and thesis defense shall be conducted according to relevant regulations established by the Graduate School of the university.</p> <p>The master thesis shall make academic contributions. The basic concepts and conclusion shall be original and authentic. It shall be supported with abundant experiment data and feasible technology.</p> <p>Prior to applying for the thesis defense, candidates shall have published at least 1 first-author (or the second author with the supervisor being the first author) paper in EI proceedings or core journals.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Architecture

School	School of Architecture and Civil Engineering	Student Type	Master				
Discipline	Architecture	Discipline Code	0813				
Subject included	Architecture Design and Theory(081302); Architecture History and Theory(081301); Building Science and Technology(081304)						
Length of Study	Master <u>3</u> years						
Credit Requirements	Master \geq <u>25</u> credits: \geq <u>21</u> credits for courses, <u>4</u> credits for other academic sections.						
Program Objectives	It aims to cultivate creative architects who (1) have a good command of basic theories and concepts of architecture, and techniques of architecture design; and (2) are competent in undertaking tasks of architecture design, and doing scientific research on architecture.						
Requirements of Research Ability and Other Aspects	<p>Candidates are required to collect and do investigation on data and information actively. Candidates are also expected to be of the ability to analyze, summarize and criticize relevant subjects, and conduct researches on architecture. Candidates are also supposed to be skillful at using designing software.</p> <p>Prior to the degree application, candidates shall meet one of the following requirements:</p> <ol style="list-style-type: none"> 1. Publishing at least one paper in professional conference proceedings at or above provincial-level, or attending professional academic conferences and receiving at least one invitation for presenting their papers (Note: For the papers, Xiamen University must be the first-author affixation, and candidates shall be the first-author or second author with the supervisor being the first). 2. Participation in architectural design competitions at or above provincial-level and winning the first, second or third prize, or a honorable mention for at least one time (Note: Xiamen University must be the first-author affixation, and only the first three prize-winners are recognized.) 3. Publishing at least one paper in specialized journals with CN serial numbers (Note: For the papers, Xiamen University must be the first-author affixation, and candidates shall be the first-author or second author with the supervisor being the first). 						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits	000010201	First foreign language	2	FA\SP	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA	C		
	000010104	Dialectics of Nature	1	FA	C		
	160110001	Theory and Method of Architecture Design	2	FA			C for all candidates



Compulsory Course: Master \geq 10 credits	160120001	Architecture Design and Research I	3	FA			C for candidates of Architecture Design and Theory
	160120002	Architecture Design and Research II	3	SP			C for all candidates
	160120003	Introduction on Preservation and Reuse of Architectural Heritage	3	SP			C for candidates of Architecture History and Theory
	160110002	Trends and Schools of The Contemporary Architecture	2	FA			
	160110003	Method of Architectural Research and Intensive Reading	1	FA			
	160120004	Sustainable Building Technologies	3	FA			C for candidates of Building Science and Technology
	160120005	Technology of Digital Buildings	2	SP			
Optional Courses: Master \geq 7 credits	160120006	Structural Concepts For Architects	2	FA			
	160120007	Environmental Psychology	1	SP			
	160120008	Chinese Traditional Architectural Philosophy	2	FA			
	160120009	Traditional Chinese Residences	2	SP			
	160120010	Urban Design Theory	2	FA			
	160120011	Introduction To Regional Architecture Design	2	SP			
	160120012	Sound Environment Optimal Design	1	SP			



	160120013	Green Architecture	1	SP			
Other Requirements							
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	1	Candidates are required to attend at least 20 academic lectures or reports.	Candidates shall submit the attendance record at the beginning of the fifth semester to the supervisor for evaluation.			
Mid-term Assessment	C	1	Candidates are required to introduce briefly the periodical outcomes, existing problems and working plan of the thesis writing.	It is held by the end of the fourth semester. Candidates shall report to the supervisor team with PPT presentation, and submit the mid-term assessment report to the college for the record.			
Thesis Proposal	C	1	A thesis proposal shall include the purposes, the significance, the existing problems, the status quo and the main contents of the thesis.	It is held at the end of the third semester. Candidates shall report to the supervisor team with a PPT presentation, and fill out the Thesis Proposal Examination Form and submit it to the college for the record.			
Social Practice	C	1	Candidates shall participate in social practice organized by the Designing Institute for at least 2 months. The practice counts 1 credit.	In the fifth semester, candidates shall submit the Practice Report which has been reviewed and evaluated by the practice supervisor and the corresponding organization with signature. Candidates shall also submit as attachment a report on practice outcomes.			
Teaching Practice			Candidates are encouraged to conduct teaching practice.				
Inter-Campus Communication and Exchange			Candidates are encouraged to attend at least one academic conference held outside the campus.				
Thesis	The thesis shall be of high-level academic significance and shall demonstrate that the candidate has had an in-depth comprehension of the basic theories of the chosen field, and the ability to detect, analyze and						



solve problems. The research methods adopted and the academic outcomes achieved shall be innovative.				
Major references and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
	Architecture Journal		Reading reports	
	Time Architecture		Reading reports	
	New Architecture		Reading reports	
	Architect		Reading reports	
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Mechanics

School	School of Architecture and Civil Engineering	Student Type	Master				
Discipline	Mechanics	Discipline Code	0801				
Subject included	General and Fundamental Mechanics(080101);Solid Mechanics(080102);Fluid Mechanics (080103);Engineering Mechanics(080104)						
Length of Study	Master <u>3</u> years						
Credit Requirements	Master ≥ 24 credits; ≥ 20 credits for courses, <u>4</u> credits for other academic sections.						
Program Objectives	<p>After completing this program, candidates are expected to (1) have a good grasp of basic theories and specialized knowledge of mathematics, mechanics, and physics; (2) be fully aware of the status quo and development of their chosen field; (3) be competent in building mechanics-mathematics model for complicated objects of study, and conducting researches on them skillfully with analyses, numerical calculations, experiments, and programs; (4) be proficient in at least one foreign language and be able to read foreign literature relevant to their chosen field and write academic papers in the foreign language; (5) be eligible for undertaking important theoretical researches, experimental researches, and architecture designing tasks independently; and (6) conform to professional ethics and social norms.</p>						
Requirements of Research Ability and Other Aspects	<p>Prior to the degree application, candidates shall meet one of the following requirements:</p> <ol style="list-style-type: none"> 1. Publishing at least one paper in professional conference proceedings at or above provincial-level, or attending professional academic conferences and receiving at least one invitation for presenting their papers (Note: For the papers, Xiamen University must be the first-author affixation, and candidates shall be the first-author or second author with the supervisor being the first). 2. Publishing at least one paper in specialized journals with CN serial numbers (Note: For the papers, Xiamen University must be the first-author affixation, and candidates shall be the first-author or second author with the supervisor being the first). 						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits	000010201	First foreign language	2	FA/SP	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA	C		
	000010104	Dialectics of Nature	1	FA	C		
Compulsory	160210003	Elastic-plastic Mechanics	3	FA			



Courses: \geq 12 credits	160210002	Finite Element Analysis	3	FA			
	160210004	Structural Dynamics	3	FA			
	160210019	Continuum Mechanics	3	SP			
	160220020	Fluid Mechanics	3	SP			
Optional Courses: \geq 4 credits	160210001	Numerical Analysis	2	FA			
	160220015	Vibration Control Techniques	2	SP			
	160220021	Theory of Plates and Shells	2	SP			
	160220022	Fracture Mechanics	2	SP			
	160220016	Equations of Mathematical Physics	2	SP			
	160220013	Advanced Rock Mechanics	2	SP			
	160220023	Computational Mechanics	2	SP			
Other Requirements							
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	1	Candidates are required to attend at least 20 academic lectures and/or reports.	Candidates shall submit the attendance record at the beginning of the fifth semester to the supervisor for evaluation.			
Mid-term Assessment	C	1	Candidates are required to introduce briefly the periodical outcomes, existing problems and working plan of the thesis writing.	It is held by the end of the fourth semester. Candidates shall submit the mid-term assessment report to the teaching and research office and/or the research team for evaluation, and the result shall be submitted to the college for the record.			
Thesis Proposal	C	1	The thesis proposal shall include the purposes, the significance, the existing problems, the status quo and the main contents of the thesis.	It is held at the end of the third semester. Candidates shall submit their thesis proposal to the teaching and research office or the research team for examination and approval. The results shall be submitted to the college for the record.			
Social Practice	C	1	Candidates shall participate in social	In the fifth semester, candidates shall			



			practice organized by the Designing Institute for at least 2 months. The practice counts 1 credit.	submit the Practice Report which has been reviewed and evaluated by the practice supervisor and the corresponding organization with signature. Candidates shall also submit as attachment a report on practice outcomes.
Teaching Practice			Candidates are encouraged conduct teaching practice.	
Inter-Campus Communication and Exchange			Candidates are encouraged to attend at least one academic conference held outside the campus.	
Thesis	<ol style="list-style-type: none"> 1. The thesis research shall conform to relevant regulations and achieve creative outcomes. 2. Candidates shall allocate at least 1 year for the thesis writing under the guidance of the supervisor. 3. Candidates shall take the mock viva and make corresponding revisions before they apply for the thesis defense. 			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways:</p> <ol style="list-style-type: none"> 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways. 				



Graduate Program for Civil Engineering

School	School of Architecture and Civil Engineering	Student Type	Master				
Discipline	Civil Engineering	Discipline Code	0814				
Subject included	Structural Engineering (081402); Geotechnical Engineering(081401); Disaster Prevention and Reduction Engineering and Protective Engineering (081405); Bridge and Tunnel Engineering(081406); Civil Engineering Construction and Marketing(0814Z1)						
Length of Study	Master <u>3</u> years						
Credit Requirements	Master ≥ 24 credits: ≥ 20 credits for courses, <u>4</u> credits for other academic sections.						
Program Objectives	This program aims to cultivate senior architects who (1) are proficient in mathematics, mechanics, and numerical calculation; (2) are competent in conducting researches independently; (3) are equipped with new ideas, new methods and new thoughts so as to be able to make innovation in civil engineering; (4) have a good command of basic theories and concepts of civil engineering and its relevant disciplines; (5) are eligible for designing, constructing, managing and researching in fields like house building, underground building, roads and streets, tunnels, bridge building, water management, and ground treatment; (6) are skillful at communicating, reading, and writing academic papers in at least one foreign language; and (7) conform to professional ethics and social norms.						
Requirements of Research Ability and Other Aspects	<p>Prior to the degree application, candidates shall meet one of the following requirements:</p> <p>1. Publishing at least one paper in professional conference proceedings at or above provincial-level, or attending professional academic conferences and receiving at least one invitation for presenting their papers (Note: For the papers, Xiamen University must be the first-author affixation, and candidates shall be the first-author or second author with the supervisor being the first).</p> <p>2. Publishing at least one paper in specialized journals with CN serial numbers (Note: For the papers, Xiamen University must be the first-author affixation, and candidates shall be the first-author or second author with the supervisor being the first).</p>						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits	000010201	First foreign language	2	FA/SP	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA	C		
	000010104	Dialectics of Nature	1	FA	C		
Compulsory	160210001	Numerical Analysis	3	FA	C		



Courses: \geq 12 credits	160210002	Finite Element Analysis	3	FA	C		
	160210003	Elastic-plastic Mechanics	3	FA			
	160210004	Structural Dynamics	3	FA			
	160220005	Advanced Soil Mechanics	3	FA			
	160220006	Advanced Theory of Bridge Structures	3	SP			
	160220007	Advanced Theory of Concrete Structures	3	SP			
	160220008	Construction Marketing Theory and Method	3	FA			
	Optional Courses: \geq 4 credits	160220009	Advanced Real Estate Economics	2	SP		
160220010		Numerical Simulation in Geotechnical Engineering	2	SP			
160220011		Ground Treatment	2	FA			
160220012		Composite Structures	2	SP			
160220013		Advanced Rock Mechanics	2	SP			
160220014		Nonlinear-analysis of Structures	2	SP			
160220015		Vibration Control Techniques	2	SP			
160220016		Equations of Mathematical Physics	2	SP			
160220017		The New Concrete	2	SP			
160220018		Pre-stressed Concrete Structure	2	FA			
Other Requirements							
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	1	Candidates are required to attend at least 20 academic lectures or reports.	Candidates shall submit the attendance record at the beginning of the fifth semester to the supervisor for evaluation.			
Mid-term Assessment	C	1	Candidates are required to introduce briefly the periodical outcomes, existing problems and working plan	It is held by the end of the fourth semester. Candidates shall submit the mid-term assessment report to the teaching and research office and/or the research team for evaluation,			



			of the thesis writing.	and the result shall be submitted to the college for the record.
Thesis Proposal	C	1	A thesis proposal shall include the purposes, the significance, the existing problems, the status quo and the main contents of the thesis.	It is held at the end of the third semester. Candidates shall submit their thesis proposal to the teaching and research office or the research team for examination and approval. The results shall be submitted to the college for the record.
Social Practice	C	1	Candidates shall participate in social practice organized by the Designing Institute for at least 2 months. The practice counts 1 credit.	In the fifth semester, candidates shall submit the Practice Report which has been reviewed and evaluated by the practice supervisor and the corresponding organization with signature. Candidates shall also submit as attachment a report on practice outcomes.
Teaching Practice			Candidates are encouraged to conduct teaching practice.	
Inter-Campus Communication and Exchange			Candidates are encouraged to attend at least one academic conference held outside the campus.	
Thesis	1. The thesis research shall conform to relevant regulations and achieve creative outcomes. 2. Candidates shall allocate at least 1 year for the thesis writing under the guidance of the supervisor. 3. Candidates shall take the mock viva and make corresponding revisions before they apply for the thesis defense.			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways.				



Graduate Program for Urban and Regional Planning

School	School of Architecture and Civil Engineering	Student Type	Master				
Discipline	Architecture	Discipline Code	0813				
Subject included	Urban and Regional Planning(0813Z1)						
Length of Study	Master <u>3</u> years						
Credit Requirements	Master \geq <u>25</u> credits: \geq <u>21</u> credits for courses, <u>4</u> credits for other academic sections.						
Program Objectives	This program aims to cultivate all-round talents who have a knowledge of many an engineering discipline, and urban and regional planning. After completing this program, candidates are expected to (1) be competent in engineering designing and city planning; (2) be equipped with theoretical knowledge of geography, economics and management, and practical knowledge of economic development, urban management, and real estate development; (3) be eligible for researching on or managing urban and regional planning; and (4) be of the ability to apply theories and methods of science and social sciences.						
Requirements of Research Ability and Other Aspects	<p>Prior to the degree applicaiton, candidates shall meet at least one of the following requirements:</p> <ol style="list-style-type: none"> 1. Publishing at least one paper in professional conference proceedings at or above provincial-level, or attending professional academic conferences and receiving at least one invitation for presenting their papers (Note: For the papers, Xiamen University must be the first-author affixation, and candidates shall be the first-author or second author with the supervisor being the first). 2. Participation in city planning competitions at or above provincial-level and winning the first, second or third prize, or a honorable mention for at least one time (Note: Xiamen University must be the first-author affixation, and only the first three prize-winners are recognized.) 3. Publishing at least one paper in specialized journals with CN serial numbers (Note: For the papers, Xiamen University must be the first-author affixation, and candidates shall be the first-author or second author with the supervisor being the first). 						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits	000010201	First foreign language	2	FA/SP	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA	C		
	000010104	Dialectics of Nature	1	FA	C		



Compulsory Courses: ≥ 9 credits	160310001	A History of Western Urban Planning Thought	2	FA			
	160310002	Research Frontiers of Urban and Regional Planning	2	FA			
	160320001	Urban Design Theory and Method	2	SP			
	160310003	Methods and Techniques in Urban and Rural Planning	3	SP			
	160310004	Implementation and Marketing in Urban and Rural Planning.	2	SP			
Optional Courses: ≥ 8 credits	160320002	City Culture and Production of Urban Space	2	SP			
	160320003	Urban Traffic Planning Research	2	FA			
	160320004	Urban Land and Real Estate Development	2	FA			
	160320005	Conservation and Planning of Urban-Rural Heritage	2	SP			
	160320006	Theories and Methods of Sustainable Urban Planning	2	SP			
	160320007	Community Planning Theory and Practice	2	SP			
	160320008	Urban Planning Practice	1	SP			
Other Requirements							
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	1	Candidates are required to attend at least 20 academic lectures or reports.	Candidates shall submit the attendance record at the beginning of the fifth semester to the supervisor for evaluation.			
Mid-term Assessment	C	1	Candidates are required to introduce briefly the periodical outcomes, existing problems and working plan of the thesis writing.	It is held in the middle of the fifth semester. Candidates shall report to the supervisor with PPT presentation, and submit the mid-term assessment application form to the college for the record.			
Thesis Proposal	C	1	A thesis proposal shall include the purposes, the significance, the existing problems, the status quo and the main	It is held at the end of the fourth semester. Candidates shall report to the supervisor team with a PPT presentation, and fill out the Thesis Proposal			



			contents of the thesis.	Examination Form and submit it to the college for the record.
Social Practice	C	1	Candidates shall participate in social practice organized by the Designing Institute for at least 2 months. The practice counts 1 credit.	In the fifth semester, candidates shall submit the Practice Report which has been reviewed and evaluated by the practice supervisor and the corresponding organization with signature. Candidates shall also submit as attachment a report on practice outcomes.
Teaching Practice			Candidates are encouraged to conduct teaching practice.	
Inter-Campus Communication and Exchange			Candidates are encouraged to attend at least one academic conference held outside the campus.	
Thesis	<p>1. Candidates shall select subjects relevant to frontier topics in the chosen field, social development, and national economic construction. The chosen subject shall be of scientific significance and/or application value.</p> <p>2. The basic theories and concepts of the chosen field shall be applied. The thesis shall conform to academic norms and be qualified for publishing. For more details, please refer to the Regulations on Postgraduate Theses of Xiamen University.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Energy Efficiency Engineering

School	College of Energy	Student Type	Master & PhD
Discipline	Chemical Engineering & Technology	Discipline Code	0817
Subject included	Energy Efficiency Engineering (99J2);		
Length of Study	Master <u>3</u> years; PhD <u>4</u> years		
Credit Requirements	Master ≥ 22 credits: ≥ 20 credits for courses, <u>2</u> credits for other academic sections.		
	PhD ≥ 12 credits: ≥ 10 credits for courses, <u>2</u> credits for other academic sections.		
Program Objectives	<p>Energy efficiency is closely connected with architecture, industry, and energy-saving transportation. Thus, this program aims to cultivate high-level talents who are competent in researching, designing and developing, producing, managing and teaching in the field of energy efficiency and its relevant fields. After completing this program, postgraduates are expected to (1) have a good command of basic theories and specialized knowledge of their chosen field along with fields such as clean energy, efficient utilization and recycling of energy, and energy efficiency evaluation and test; (2) be skillful at searching, analyzing, and summarizing data and information; (3) be fully aware of the trend of the development, and the latest research outcomes in energy efficiency; (4) be proficient in conducting researches with computer and other advanced instruments, and undertaking tasks like designing, engineer organizing, and technology managing; (5) have a good command of foreign languages, and be able to read foreign literature, write academic papers, and communicate with others in one specific foreign language; (6) be rigorous and be able to conduct scientific researches independently; and (7) be eligible for positions in high-technology sectors, colleges and universities, industrial sectors, government departments, and economic managing sectors.</p>		
Requirements of Research Ability and Other Aspects	<p>Masters shall spend at least one and a half years working on their thesis, whose subject shall be innovative and relevant to frontier topics. The thesis shall be of high theoretical or practical significance, and be coherent, concise and fluent. Relevant literature and booklist shall be attached to the thesis.</p> <p>Prior to the thesis defense, candidates are required to publish at least one first-author (Note: If the supervisor is the first author, and the candidate is the second, he/she will be deemed as the first-author.) academic paper relevant to the thesis in core journals at home or abroad (as long as they get letters of acceptance). However, for researches concerning areas that are highly innovative, confidential, or newly explored, supervisors can submit a written application (one time a year) to the academic degree committee for permission. One time the application is approved, the research will not be restricted from those areas.</p> <p>PhDs are required to (1) grasp the trend of the development of their chosen field at home or abroad; (2) equip themselves with the ability to analyze and solve problems; (3) be competent in conducting researches independently; (4) publish at least 3 first-author academic papers relevant to their research in core journals.</p>		



Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA	C		
	000010104	Nature Dialectics	1	FA	C		
	000010201	First Foreign Language	2	FA	C	O	
Compulsory Courses: Master \geq <u>9</u> credits, PhD \geq <u>3</u> credits	330030318	Systems Modeling and Simulation	3	SP	O	O	
	330030319	Project Marketing	3	SP	O	O	
	330030317	Process Systems Engineering	3	FA	O	O	
	100210002	Advanced Thermodynamics	3	FA	O	O	
Optional Courses	330030304	Energy Technology and Engineering	2	FA	O	O	
	330030320	Introduction to Energy Systems Engineering	2	FA	O	O	
	330030321	Technology Economics	2	SP	O	O	
	330030307	Thermal Hydraulics	2	FA	O	O	
	330030305	Instrumentation & Control in Nuclear Power Plants	2	FA	O	O	
	160120004	Sustainable Building Technologies	2	FA	O	O	
	330030322	Energy Economics Theory and Policy	2	SP	O	O	
		Other related curriculum	2		O	O	
Other Requirements	<p>1. Candidates shall select courses under the guidance of the supervisor. The study plan shall be submitted to the college for the record after it is approved by the supervisor with signature. Courses selected or quitted will not be valid without the supervisor's approval.</p> <p>2. Courses completed in the master studies with scores meeting the standard for PhDs can be exempted in the doctoral studies when candidates' application gets approved by both the supervisor and the college administration.</p>						



Other Academic Sections (C-Compulsory; O-Optional)				
Category	C or O	Credit	Requirements	Evaluation (Ways and time)
Academic Lectures	C	0.5 Credit for masters, 1 credit for PhDs	Candidates shall take an active part in academic activities. Masters shall attend at least 12 academic lectures/reports and submit reports.	Prior to the thesis defense, the college or the institute administration will evaluate the reports.
Literature Review, Thesis Proposal, and Research Reports	C	0	<ol style="list-style-type: none"> Candidates shall decide their subject by the end of the second semester of the first academic year. The selected subject shall get approved by the supervisor. Candidates shall make working plans in time, and present an oral report to the assessment team organized by the college after completing their reading reports and thesis proposal. Candidates who fail the thesis proposal report are allowed a second chance within 2 months. Candidates who fail twice and candidates who do not deliver reports on the thesis proposal, will be deprived of the right to apply for a scholarship and the right to apply for a thesis defense. The assessment team is authorized to advise the above-mentioned candidates to quit school by providing written material to the college and the Postgraduate School of Xiamen University for examination and approval. Candidates who are abroad during the thesis proposal report time shall negotiate with the supervisor for an appropriate time for their thesis proposal report. 	In the summer term of the first academic year, or the first week of the second academic year.
Mid-term Assessment	C	1	<p>The mid-term assessment is normally organized in the summer term of the second academic year. Candidates who fail the assessment are deprived of the right to apply for a scholarship and the right to apply for the thesis defense.</p> <p>Details:</p>	In the summer term of the second academic year



			<p>Both masters and PhDs shall submit a mid-term progress report and PPT presentation to the supervisor before they take the assessment organized by the college. Masters shall give a presentation to the examination committee for at least 15 minutes, and PhDs for at least 20 minutes. The whole presentation will be recorded. The examination committee shall evaluate the masters/PhDs' performance according to their comprehension of the chosen subject, research outcomes and workload, their grasp of the basic theories and specialized knowledge of their chosen field, etc.</p> <p>Candidates who fail the mid-term assessment are allowed a second chance within 2 months. Candidates who fail the mid-term assessment the second time and those who have not showed up for the mid-term assessment, are deprived of the right to apply for a scholarship and the right to apply for the thesis defense. The examination committee is authorized to advise candidates under the above-mentioned conditions to quit school. Candidates who are abroad during the assessment period shall negotiate with the supervisor for the time of their mid-term assessment.</p>	
Teaching Practice	C for masters	0.5 credit	Teaching practice is compulsory for masters (including masters under the master-PhD program).	
Thesis	<ol style="list-style-type: none"> 1. The literature review shall contain a description of the development of the field relevant to the subject, a conclusion of previous research on the same topic, a scientific and objective evaluation of previous outcomes, unsolved problems, etc. 2. Candidates shall submit data obtained from experiments to the research team for the record. The data shall be authentic. The analysis shall be reasonable and reliable. The writing shall be coherent and clear. 3. There shall be innovative outcomes out of the thesis research. Candidates are required to publish the outcomes in time under the guidance of the supervisor. 4. The candidate shall have the thesis approved by the supervisor before the submission for the thesis review and thesis defense. 			



5. Thesis review, oral defense, and degree granting shall be conducted according to the Provisional Regulations on Academic Degree Granting of the People’s Republic of China, and the Regulations on Postgraduates’ Academic Degree of Xiamen University, and other relevant regulations established by the college. Once the thesis is submitted for review, candidates are restricted from any materials or information about thesis review and thesis defense.

Major References and Journals (C-Compulsory; O-Optional)

No.	Title	Author	Evaluation*	Remarks (C or O)

Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;
 2. Examination on thesis proposal or comprehensive examination;
 3. Reading Report;
 4. Other specific ways.



Graduate Program for Biology

School	School of Life Sciences	Student Type	Master & PhD				
Discipline	Biology	Discipline Code	0710				
Subject included	Biochemistry and Molecular Biology(071010); Cell biology(071009); Microbiology (071005); Zoology(071002); Botany(071001); Aquatic Biology(071004); Developmental Biology(071008); Genetics(071007); Translational Medicine(09J6)						
Length of Study	Master <u>3</u> years; PhD <u>4</u> years						
Credit Requirements	Master ≥ 18 credits: ≥ 14 credits for courses, <u>4</u> credits for other academic sections.						
	PhD $\geq 17-20$ credits: $\geq 12-15$ credits for courses, <u>5</u> credits for other academic sections.						
Program Objectives	It aims to cultivate high-level talents who (1) have a good command of specialized knowledge and research skills of biology; (2) are of the ability to conduct basic research and applied research; and (3) are eligible for positions in colleges and universities, research institutes, and enterprises.						
Requirements of Research Ability and Other Aspects	<p>Requirements on research ability:</p> <p>Candidates are required to (1) acquaint themselves with biology, and the history, the status quo and the trend in the field and its relevant fields; (2) grasp the experimental methods and research skills of biology; (3) be of the ability to conduct researches independently; (4) be of the ability to grasp new knowledge and new skills in fields relevant to biology within a short time.</p> <p>Requirements on academic quality:</p> <p>Candidates are required to (1) grasp specialized knowledge and research skills of biology; (2) be rigorous, cooperative, and conform to academic norms; (3) be of the ability to keep up with research developments in the field; (4) do well in conducting academic communication and writing academic papers; (5) be competent in doing researches independently.</p>						
Curriculum							
(*SP -Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	FA/SP	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA/SP	C		
	000010104	Dialectics of Nature	1	FA	C		



Compulsory Courses: Master <u>6</u> credits, PhD <u>6</u> credits	110010001	Molecular Cell Biology	2	FA	C	C	
	110010002	Frontiers in Life Sciences	4	FA/SP/SU	C	C	PhDs shall take the course for 2 academic years, and present 2 academic reports in Journal Club, and deliver at least 1 progress report on their thesis before they graduate; masters shall take the course for 1 year.
Optional Courses (at least 2 courses)	110020003	Immunology	2	SP	O	O	Immunology-related fields
	110020004	Metabolic Biology	2	FA	O	O	Biochemistry and molecular biology-related fields
	110020005	Structural Biology	2	SP	O	O	Structural biology-related fields
	110020006	Cancer Biology	2	FA	O	O	Cell biology-related fields
	110020007	Plant Biology	2	FA	O	O	Plant biology-related fields
	110020008	Microbiology and Pathogenic Biology	2	FA	O	O	Microbiology and parasitic zoology-related fields
	110030009	Algology	2	FA	O	O	Aquatic biology related fields



	110030010	Molecular Virology and Diagnosis	2	SP	O	O	virology and molecular diagnosis-related fields
	110020011	Animal Physiology and Pathology	2	FA	O	O	Zoology and developmental biology-related fields
	110020012	Genetics and Developmental Biology	2	SP	O	O	Genetics and developmental biology-related fields
	110030013	Bioinformatics	2	SP	O	O	Bioinformatic-related fields
	110020014	Biotechnology in Molecular and Cellular Biology	2	FA	O	O	All fields
Other Requirements	Courses completed in the master studies can be exempted in the doctoral studies (Frontiers in Life Science is however compulsory. Candidates under the master-PhD program shall take the course twice, but only get one grade. PhDs who are not under the master-PhD program need to select courses that are allowed to be exempted in the courses selection system.)						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements			Evaluation (Ways and time)	
Academic Lectures	C	4	PhDs shall attend at least 120 academic lectures/reports, and masters at least 80. Both PhDs and masters are required to take notes while attending academic lectures/reports.			Notes taken will be evaluated prior to the thesis review by the school.	
Mid-term Assessment (Qualifying Examination)	C for PhDs	1	For PhDs, please refer to relevant regulations on PhDs mid-term assessment formulated by the school. For Masters, the mid-term assessment is organized by the supervisor.			The mid-term assessment for PhDs is usually held in June or December in the second or the third academic year. For more detailed information, please refer to relevant regulations on PhDs mid-term assessment formulated by the school.	



Literature Review and Research Report	O	0	PhDs are required to complete a literature review and deliver a progress report on their research.	It is organized by the supervisor committee.
Thesis Proposal	C	0	Masters shall spend at least 2 years, and PhDs at least 3 years working on their thesis independently. Topics chosen by candidates or the supervisor team shall be approved by the supervisor committee. Candidates are required to present a thesis proposal report to the supervisor team or the research group, and revise their thesis proposal according to advice and suggestions provided by the supervisor team or the research group. Candidates are also required to present progress reports on their thesis writing regularly. Thesis proposal examination shall be reported to the school for the record.	It shall be organized by the supervisor team.
Teaching Practice	O	0	Masters shall participate in teaching practice and research. Candidates shall work as the teaching assistant for theoretical or experiment courses, or the research assistant. Candidates' performance will be evaluated by the course instructor.	It shall be conducted before their graduation.
Inter-Campus Communication and Exchange	O	0	Candidates are encouraged to participate in academic exchanges, attend international or national academic conferences, and apply for government funded overseas study programs.	PhD shall attend academic conferences and/or participate in academic communication at home or abroad.
Thesis	The thesis shall have a strong basis, clear academic viewpoints, reasonable experiments and standardized research records. It shall be supported with authentic and reliable data, and rigorous analyses, and shall generate innovative outcomes. The candidate shall take the thesis defense before the end of the last academic year. Prior to applying for the academic degree, masters shall submit at least 1 to-be-published academic paper. For the requirements on academic outcomes for PhDs, please refer to relevant regulations formulated by the school.			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)



Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;
2. Examination on thesis proposal or comprehensive examination;
3. Reading report;
4. Other specific ways.



Graduate Program for Physiology

School	College of Medicine	Student Type	Master & PhD				
Discipline	Biology	Discipline Code	0710				
Subject included	Physiology (071003)						
Length of Study	Master 3 years; PhD 4 years						
Credit Requirements	Master \geq <u>20</u> credits: \geq <u>16</u> credits for courses, <u>4</u> credits for other academic sections.						
	PhD \geq <u>17</u> credits: \geq <u>12</u> credits for courses, <u>5</u> credits for other academic sections.						
Program Objectives	It aims to cultivate high-level talents who (1) have a good command of specialized knowledge and research skills of physiology; (2) are of the ability to conduct basic research and applied research; and (3) are eligible for positions in colleges and universities, research institutes, and enterprises.						
Research Abilities and Other Aspects	<p>Requirements on research ability:</p> <p>Candidates are required to (1) acquaint themselves with physiology, and the history, the status quo and the trend in the field and its relevant fields; (2) grasp the experimental methods and research skills of physiology; (3) be of the ability to conduct researches independently; (4) be of the ability to grasp new knowledge and new skills in fields relevant to physiology within a short time.</p> <p>Requirements on academic quality:</p> <p>Candidates are required to (1) grasp specialized knowledge and research skills of physiology; (2) be rigorous, cooperative, and conform to academic norms; (3) be of the ability to keep up with research developments in the field; (4) do well in conducting academic communications and writing academic papers; (5) be competent in conducting researches independently.</p>						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits, PhD <u>2</u> credits	000010101	China's Marxism and Contemporary	2	FA		C	
	000010201	First Foreign Language	2	SP/FA	C	O	
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	SP/FA	C		
	000010104	Dialectics of Nature	1	FA	C		
Compulsory Courses: Master <u>6</u> credits, PhD <u>6</u> credits	150012002	Medical Statistics	3	FA	C		
	150012001	Experimental Zoology	3	FA	C		
Optional Courses: Master \geq <u>6</u> credits,	150021001	Seminar	2	SP	C		
	150021002	Advance Immunology	2	SP	O		



PhD ≥ 4 credits	150011001	Medical Molecular Biology	2	SP	O		
	150021003	Advance pharmacology	2	SP	O		
	150031005	Advances in Neuroscience	2	SP	O		
	150011005	Medical Molecular Biology	2	SP	O		
Other Requirements	Courses completed in the master studies can be exempted in the doctoral studies (Seminars are however compulsory. Candidates under the master-PhD program shall take the course twice, but only get one grade. PhDs who are not under the master-PhD program need to select courses that are allowed to be exempted in the courses selection system.)						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Lectures	C	4	PhDs shall attend at least 120 academic lectures/reports, and masters at least 80. Both PhDs and masters are required to take notes while attending academic lectures/reports.	Notes taken will be evaluated prior to the thesis review by the school.			
Thesis Proposal	C	0	Candidates shall complete their thesis proposal in the SP of the first academic year. Candidates shall select a subject for their thesis under the guidance of the supervisor, and submit a written application for a thesis proposal examination. For more detailed information, please log on the college website and download relevant files and forms. Candidates who have not completed the proposal are not allowed to proceed to other phases of thesis writing. Candidates who are abroad during the thesis proposal examination time shall submit a written fact report (signed by the supervisor) to the college and apply for thesis proposal examination in the following year. PhDs who are under the master-PhD program can be exempted from the thesis proposal if they have undertaken the examination in their master studies.	It is usually held in the SP of the first academic year (usually in April or May). It requires an oral report with a PPT presentation.			
Mid-term Assessment	C	1	The mid-term assessment is usually held in the FA of the second academic year. The assessment committee is usually assigned by	It is usually held in the FA of the second academic year (usually in			



			the department or affiliated hospitals. For more detailed information, please refer to Regulations on Mid-term Assessment of Postgraduates of College of Medicine of Xiamen University. The assessment counts 1 credit for PhDs, 0 credit for masters.	November or December). It can be an oral report with PPT presentation, or tests.
Social Practice	C	0	Candidates shall conduct social practice such as social practice for specific projects, secondment practices, receiving training and doing practice in university-enterprise bases, entrepreneurial practice, etc. Candidates who have not conducted social practice will not be allowed to apply for a thesis defense or an academic degree. PhDs with more than two years' working experience can be exempted from social practice.	On the completion of the social practice, candidates shall fill out and submit to the college for the record the Postgraduates' Social Practice Report of Xiamen University, which shall be approved by the practice instructor with signature.
Teaching Practice	O	0	Candidates are encouraged to conduct teaching practice. It is however not compulsory.	
Inter-campus Communciation and Exchange	O	0	Candidates are encouraged to participate in inter-campus exchanges at home or abroad. It is however not compulsory.	
Thesis	The thesis shall have a strong basis, clear academic viewpoints, reasonable experiments and standardized research records. It shall be supported with authentic and reliable data and rigorous analyses. The research shall generate innovative outcomes and be of significant academic value.			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways.				



Graduate Program for Microbiology

School	College of Medicine	Student Type	Master				
Discipline	Biology	Discipline Code	0710				
Subject included	Microbiology (071005)						
Length of Study	Master <u>3</u> years						
Credit Requirements	Master \geq <u>20</u> credits: \geq <u>16</u> credits for courses, <u>4</u> credits for other academic sections.						
Program Objectives	It aims to cultivate high-level talents who (1) have a good command of specialized knowledge and research skills of biology; (2) are of the ability to conduct basic research and applied research; and (3) are eligible for positions in colleges and universities, research institutes, and enterprises.						
Requirements of Research Ability and Other Aspects	<p>Requirements on research ability:</p> <p>Candidates are required to (1) acquaint themselves with biology, and the history, the status quo and the trend in the field and its relevant fields; (2) grasp the experimental methods and research skills of biology; (3) be of the ability to conduct researches independently; (4) be of the ability to grasp new knowledge and new skills in fields relevant to biology within a short time.</p> <p>Requirements on academic quality:</p> <p>Candidates are required to (1) grasp specialized knowledge and research skills of biology; (2) be rigorous, cooperative, and conform to academic norms; (3) be of the ability to keep up with research developments in the field; (4) do well in conducting academic communications and writing academic papers; (5) be competent in conducting researches independently.</p>						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: <u>4</u> credits	000010201	First Foreign Language	2	SP/FA	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA	C		
	000010104	Dialectics of Nature	1	FA	C		
Compulsory Courses: <u>6</u> credits	150012002	Medical Statistics	3	FA	C		
	150012001	Experimental Zoology	3	FA	C		
Optional Courses: \geq <u>6</u>	150021001	Seminar	2	SP	C		
	150021002	Advance Immunology	2	SP	O		



credits	150011001	Medical Molecular Biology	2	SP	O		
	150021003	Advance pharmacology	2	SP	O		
	150031005	Advances in Neuroscience	2	SP	O		
	150011005	Medical Molecular Biology	2	SP	O		
Other Requirements							
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	4	PhDs shall attend at least 120 academic lectures/reports, and masters at least 80. Both PhDs and masters are required to take notes while attending academic lectures/reports.	Notes taken will be evaluated prior to the thesis review by the school.			
Thesis Proposal	C	0	<p>Candidates shall complete their thesis proposal in the SP of the first academic year. They shall select a subject for their thesis under the guidance of the supervisor, and submit a written application for a thesis proposal examination. For more detailed information, please log on the college website and download relevant files and forms.</p> <p>Candidates who have not completed the proposal are not allowed to proceed to other phases of thesis writing. Candidates who are abroad during the thesis proposal examination time shall submit a written fact report (signed by the supervisor) to the college and apply for thesis proposal examination in the following year. PhDs who are under the master-PhD program can be exempted from the thesis proposal if they have undertaken the examination in their master studies.</p>	<p>It is usually held in the SP of the first academic year (usually in April or May).</p> <p>It requires an oral report with a PPT presentation.</p>			
Mid-term Assessment	C	0	The mid-term assessment is usually held in the FA of the second academic year. The assessment committee is usually assigned by the department	It is usually held in the FA of the second academic year (usually in November or December).			



			or affiliated hospitals. For more detailed information, please refer to Regulations on Mid-term Assessment of Postgraduates of College of Medicine of Xiamen University.	It can be an oral report with PPT presentation, or tests.
Social Practice	C	0	Candidates shall conduct social practice such as social practice for specific projects, secondment practices, receiving training and doing practice in university-enterprise bases, entrepreneurial practice, etc. Candidates who have not conducted social practice will not be allowed to apply for a thesis defense or an academic degree. PhDs with more than two years' working experience can be exempted from social practice.	On the completion of the social practice, candidates shall fill out and submit to the college for the record the Postgraduates' Social Practice Report of Xiamen University, which shall be approved by the practice instructor with signature.
Teaching Practice	O	0	Candidates are encouraged to conduct teaching practice. It is however not compulsory.	
Inter-Campus Communication and Exchange	O	0	Candidates are encouraged to participate in inter-campus exchanges at home or abroad. It is however not compulsory.	
Thesis	A thesis shall have a strong basis, clear academic viewpoints, reasonable experiments and standardized research records. It shall be supported with authentic and reliable data and rigorous analyses. The research shall generate innovative outcomes and be of significant academic value.			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways.				



Graduate Program for Preclinical Medicine

School	College of Medicine	Student Type	Master				
Discipline	Preclinical Medicine	Discipline Code	1001				
Subject included	Immunology(100102); Pathology and pathophysiology(100104); Radiation medicine (100106); Neurologist (1001z1)						
Length of Study	Master <u>3</u> years						
Credit Requirements	Master \geq <u>20</u> credits: \geq <u>16</u> credits for courses, <u>4</u> credits for other academic sections.						
Program Objectives	It aims to cultivate high-level, innovative, professional talents who have a strong base of knowledge of science and preclinical medicine.						
Requirements of Research Ability and Other Aspects	<p>Candidates are required to (1) grasp basic theories for and research methods of medical scientific research; (2) take trainings on disease prevention, diagnosis, and treatment; (3) have a good command of natural science, humanistic and social science; (4) equip themselves with high morality and conform to professional ethics; (5) be able to survive competitions in the field of medicine research.</p> <p>Candidates are also required to be diligent, innovative, devoted, rigorous, persistent, and cooperative. Candidates shall also do well in dealing with interpersonal relationship, and expressing themselves in both oral and written ways.</p>						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: <u>4</u> credits	000010201	First Foreign Language	2	SP/FA	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	SP/FA	C		
	000010104	Dialectics of Nature	1	FA	C		
Compulsory Course: <u>6</u> credits	150012002	Medical Statistics	3	FA	C		
	150012001	Experimental Zoology	3	FA	C		
Optional Courses: \geq <u>6</u> credits	150021001	Seminar	2	FA	C		
	150031005	Advances in Neuroscience	2	FA	O		
	150011001	Medical Molecular Biology	2	FA	O		
	150021003	Advance pharmacology	2	FA	O		
	150011004	Advance human anatomy and Pathology	2	FA	O		



	150011003	Discussion of Landmark paper	2	FA	O		
Other Requirements							
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	4	PhDs shall attend at least 120 academic lectures/reports, and masters at least 80. Both PhDs and masters are required to take notes while attending academic lectures/reports.	Notes taken will be evaluated prior to the thesis review by the school.			
Mid-term Assessment	C	0	The mid-term assessment is usually held in the FA of the second academic year. The assessment committee is usually assigned by the department or affiliated hospitals. For more detailed information, please refer to Regulations on Mid-term Assessment of Postgraduates of College of Medicine of Xiamen University.	It is usually held in the FA of the second academic year (usually in November or December). It requires an oral report with PPT presentation.			
Thesis Proposal	C	0	Candidates shall complete their thesis proposal in the SP of the first academic year. Candidates shall select a subject for their thesis under the guidance of the supervisor, and submit a written application for a thesis proposal examination. For more detailed information, please log on the college website and download relevant files and forms. Candidates who have not completed the proposal are not allowed to proceed to other phases of thesis writing. Candidates who are abroad during the thesis proposal examination time shall submit a written fact report (signed by the supervisor) to the college and apply for thesis proposal examination in the following year. PhDs who are under the master-PhD program can be exempted from the thesis proposal if they have undertaken the examination in their master studies.	It is usually held in the SP of the first academic year (usually in April or May). It requires an oral report with a PPT presentation.			
Social Practice	C	0	Candidates shall conduct social practice such as social practice for specific projects, secondment practices, receiving training and doing practice in	On the completion of the social practice, candidates shall fill out and submit to			



			<p>university-enterprise bases, entrepreneurial practice, etc. Candidates who have not conducted social practice will not be allowed to apply for a thesis defense or an academic degree. PhDs with more than two years' working experience can be exempted from social practice.</p>	<p>the college for the record the Postgraduates' Social Practice Report of Xiamen University, which shall be approved by the practice instructor with signature.</p>
Teaching Practice	O	0	<p>Candidates are encouraged to conduct teaching practice. It is however not compulsory.</p>	
Inter-Campus Communication and Exchange	O	0	<p>Candidates are encouraged to participate in inter-campus exchanges at home or abroad. It is however not compulsory.</p>	
Thesis	<p>Prior to applying for the academic degree, candidates shall complete the thesis by following relevant regulations established by the university. Basic requirements for the master thesis of preclinical medicine are as follows:</p> <p>(1) It shall be of theoretical significance and/or application value, and be contributive to scientific researches on preclinical medicine or clinical medicine.</p> <p>(2) The research shall focus on significant issues, or on parts of a relatively important issue.</p> <p>(3) It shall make improvements in medical research and application to some extent, or generate new and useful outcomes after applying basic theories to the medical field.</p>			
<p>Major References and Journals (C-Compulsory; O-Optional)</p>				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Clinical Medicine

School	College of Medicine	Student Type	Master				
Discipline	Clinical Medicine	Discipline Code	1002				
Subject included	Internal medicine (100201); Pediatrics (100202); Neurology (100204); Mental illness and mental hygiene (100205); Dermatology and Venereology (100206) imaging and nuclear medicine (100207); Clinical laboratory diagnostics (100208); Surgery (100210); Obstetrics and gynecology (100211); Ophthalmology (100212); otorhinolaryngology science (100213); Oncology (100214); Rehabilitation medicine and physical therapy (100215); Anesthesiology (100217).						
Length of Study	Master <u>3</u> years						
Credit Requirements	Master \geq <u>20</u> credits: \geq <u>16</u> credits for courses, <u>4</u> credits for other academic sections.						
Program Objectives	After completing this program, candidates are expected to (1) grasp the basic principles of Marxism and adhere to the Party's basic line for the entire historical period of socialism; (2) establish decent views on the world, life and values; (3) abide by laws and disciplines; (4) be of a high level of integrity and trust, and be healthy mentally and physically; (5) be willing to strive for China's modernization; (6) have a good command of basic theories and concepts of their chosen field; (7) be competent in undertaking scientific research and specialized technical work independently; and (8) be proficient in at least one foreign language, and be able to read literature and professional books written in the foreign language.						
Requirements of Research Ability and Other Aspects	Candidates are required to (1) be preliminarily equipped with the ability in exploring frontier issues in the field of clinical medicine; (2) be of the ability to summarize, critically evaluate existing research outcomes with medical knowledge and clinical experience; (3) be competent in selecting subjects, designing experiments, analyzing experimental results, and writing treatises and academic papers independently; (4) be proficient in using their own research outcomes as instructions for further research and clinical practice; (5) grasp and be able to correctly apply frequently-adopted experiment methods and techniques.						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits	000010201	First Foreign Language	2	SP/FA	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	SP/FA	C		
	000010104	Dialectics of Nature	1	FA	C		



Compulsory	150012002	Medical Statistics	3	FA	C		
Courses: Master <u>6</u> credits	150012001	Experimental Zoology	3	FA	C		
Optional Courses: Master \geq <u>6</u> credits	150021001	Seminar Curriculum	2	FA	C		
	150011202	Clinic Epidemiology	2	FA	O		
	150011001	Medical Molecular Biology	2	FA	O		
	150021003	Advance pharmacology	2	FA	O		
	150011004	Advance human anatomy and Pathology	2	FA	O		
	150011003	Discussion of Landmark paper	2	FA	O		
Other Requirements							
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements	Evaluation (Ways and time)			
Academic Lectures	C	4	PhDs shall attend at least 120 academic lectures/reports, and masters at least 80. Both PhDs and masters are required to take notes while attending academic lectures/reports.	Notes taken will be evaluated prior to the thesis review by the school.			
Mid-term Assessment	C	0	The mid-term assessment is usually held in the FA of the second academic year. The assessment committee is usually assigned by the department or affiliated hospitals. For more detailed information, please refer to Regulations on Mid-term Assessment of Postgraduates of College of Medicine of Xiamen University.	It is usually held in the FA of the second academic year (usually in November or December). It requires an oral report with PPT presentation.			
Thesis Proposal	C	0	Candidates shall complete their thesis proposal in the SP of their first academic year. They shall select a subject for their thesis under the guidance of the supervisor, and submit a written application to the supervisor team for a thesis proposal examination. The examination committee shall be composed of at least 3 supervisors. After the examination, candidates shall complete required information in the Thesis Proposal Examination	It is usually held in the SP of the first academic year (usually in April or May). It requires an oral report with a PPT presentation.			



			<p>Manual for postgraduates of the Medicine College. For more detailed information, please log on the college website and download relevant files and forms.</p> <p>Candidates who have not completed the proposal are not allowed to proceed to other phases of thesis writing. Candidates who are abroad during the thesis proposal examination time shall submit a written fact report (signed by the supervisor) to the college and apply for thesis proposal examination in the following year. PhDs who are under the master-PhD program can be exempted from the thesis proposal if they have undertaken the examination in their master studies.</p>	
Social Practice	C	0	<p>Candidates shall conduct social practice such as social practice for specific projects, secondment practices, receiving training and doing practice in university-enterprise bases, entrepreneurial practice, etc. Candidates who have not participated in social practice will not be allowed to apply for a thesis defense or an academic degree. PhDs with more than two years' working experience can be exempted from social practice.</p>	<p>On the completion of the social practice, candidates shall fill out and submit to the college for the record the Postgraduates' Social Practice Report of Xiamen University, which shall be approved by the practice instructor with signature.</p>
Teaching Practice	O	0	<p>Candidates are encouraged to conduct teaching practice. It is however not compulsory.</p>	
Inter-Campus Communication and Exchange	O	0	<p>Candidates are encouraged to participate in inter-campus exchanges at home or abroad. It is however not compulsory.</p>	
Clinical Practice	C	0	<p>Postgraduates shall conduct practice in the clinic or patient wards for at least 6 months.</p>	<p>On the completion of the internship, candidates' performance shall be assessed. Clinical practice can not be counted as social practice.</p>



Thesis	<p>Prior to applying for the academic degree, candidates are required to complete the thesis by following relevant regulations established by the university. Detailed requirements on the thesis are as follows:</p> <ol style="list-style-type: none"> 1. It shall be innovative and scientific, and be of practical value to the clinical medicine. 2. It shall be supported with authentic and reliable data, scientific analyses, and reasonable conclusions. 3. It shall demonstrate that the candidate has had a good grasp of basic theories of clinical medicine and methodologies of scientific research in the chosen field. 4. It shall demonstrate that the candidate is of competence in undertaking scientific research and specialized technical work on clinical medicine. 5. The thesis shall meet the academic requirements for journal publications at or above the provincial level. 			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)
<p>Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;</p> <p>2. Examination on thesis proposal or comprehensive examination;</p> <p>3. Reading Report;</p> <p>4. Other specific ways.</p>				



Graduate Program for Chinese Medicine

School	College of Medicine	Student Type	Master				
Discipline	Chinese Medicine	Discipline Code	1005				
Subject included	Internal Medicine of Traditional Chinese Medicine (100506); Acupuncture and Massage (100512); Orthopedics of Chinese Medicine (100508); Gynecology of Traditional Chinese Medicine (100509).						
Length of Study	Master <u>3</u> years						
Credit Requirements	Master \geq <u>20</u> credits: \geq <u>16</u> credits for courses, <u>4</u> credits for other academic sections.						
Program Objectives	After completing this program, candidates are expected to (1) have a solid grasp of basic theories and research methods of Chinese traditional medicine; (2) be fully aware of development of Chinese traditional medicine at home and abroad; (3) be of the ability to apply basic theories of traditional Chinese medicine and existing research outcomes to clinical practice; (4) be competent in conducting theoretical research or clinical teaching independently; (5) be proficient in at least one foreign language, and be able to read relevant literature and spread knowledge of Chinese medicine by using the foreign language; and (6) be contributive to the development of Chinese medicine.						
Requirements of Research Ability and Other Aspects	<p>1. Candidates are required to get acquainted with the development of Chinese medicine by reading relevant literature written both in Chinese and English, especially papers published in SCI journals.</p> <p>2. Candidates shall (1) grasp frequently-used experiment methods and techniques, and be of the ability to observe, record and analyze data during experiments; (2) be of the ability to detect, and solve problems, and the ability to conduct project designs, write scientific papers in English, and use computer to process data and do literature research.</p> <p>3. In the third academic year, candidates will be trained in areas ranging from literature review, subject selection, adopting experiment techniques, experiment operation, thesis writing and thesis defense, to publication. Candidates are expected to be equipped with basic theories and experiment methods and techniques when completing the above-mentioned trainings.</p>						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: <u>4</u> credits	000010201	First Foreign Language	2	SP/FA	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	SP/FA	C		



	000010104	Dialectics of Nature	1	FA	C			
Compulsory Courses: <u>6</u> credits	150012002	Medical Statistics	3	FA	C			
	150012001	Experimental Zoology	3	FA	C			
	150011101	Development of Syndrome Differentiation Thought	3	FA	C			
Optional Courses \geq <u>6</u> credits	150011103	Idea and methodology of traditional Chinese medicine Research	2	FA	C			
	150011102	Essence of Clinical Experiences in TCM	2	FA	O			
	150011001	Medical Molecular Biology	2	FA	O			
	150021003	Advance pharmacology	2	FA	O			
	150011003	Discussion of Landmark paper	2	FA	O			
Other Requirements								
Other Academic Sections (C-Compulsory; O-Optional)								
Category	C or O	Credit	Requirements				Evaluation (Ways and time)	
Academic Lectures	C	4	PhDs shall attend at least 120 academic lectures/reports, and masters at least 80. Both PhDs and masters are required to take notes while attending academic lectures/reports.				Notes taken will be evaluated prior to the thesis review by the school.	
Thesis Proposal	C	0	<p>Candidates shall complete their thesis proposal in the SP of the first academic year. Candidates shall select a subject for their thesis under the guidance of the supervisor, and submit a written application for a thesis proposal examination. For more detailed information, please log on the college website and download relevant files and forms.</p> <p>Candidates who have not completed the proposal are not allowed to proceed to other phases of thesis writing. Candidates who are abroad during the thesis proposal examination time shall submit a fact report (signed by the supervisor) to the college and apply for thesis proposal examination in the following year. PhDs who are under the master-PhD program can be exempted from the thesis proposal examination if they have undertaken the examination in their master studies.</p>				<p>It is usually held in the SP of the first academic year (usually in April or May).</p> <p>It requires an oral report with a PPT presentation.</p>	



Mid-term Assessment	C	0	The mid-term assessment is usually held in the FA of the second academic year. The assessment committee is usually assigned by the department or affiliated hospitals. For more detailed information, please refer to Regulations on Mid-term Assessment of Postgraduates of College of Medicine of Xiamen University.	It is usually held in the FA of the second academic year (usually in November or December). It requires an oral report with PPT presentation.
Social Practice	C	0	Candidates shall conduct social practice such as social practice for specific projects, secondment practices, receiving training and doing practice in university-enterprise bases, entrepreneurial practice, etc. Candidates who have not conducted social practice will not be allowed to apply for a thesis defense or an academic degree. PhDs with more than two years' working experience can be exempted from social practice.	On the completion of the social practice, candidates shall fill out and submit to the college for the record the Postgraduates' Social Practice Report of Xiamen University, which shall be approved by the practice instructor with signature.
Teaching Practice	O	0	Candidates are encouraged to conduct teaching practice. It is however not compulsory.	
Inter-Campus Communication and Exchange	O	0	Candidates are encouraged to participate in inter-campus exchanges at home and abroad. It is however not compulsory.	
Clinical Practice	C	0	Postgraduates shall conduct practice in the clinic or patient wards for at least 6 months.	On the completion of the internship, candidates' performance shall be assessed. Clinical practice can not be counted as social practice.
Thesis	Prior to applying for the academic degree, candidates shall complete the thesis by following relevant regulations established by the university. The thesis research can be a sub-project of the research project led by the supervisor, or on a subject chosen by the candidate him/herself. The candidate shall complete the thesis independently under the guidance of the supervisor. No falsifying, fabrication, plagiarism is allowed. The thesis shall demonstrate that the candidate is of competence in undertaking theoretical and applied research. The research shall be of theoretical significance and/or practical value.			
Major References and Journals (C-Compulsory; O-Optional)				



No.	Thesis	Author	Evaluation*	Remarks (C or O)
1	实用临床舌像图谱	Wang yan hui. etc	Combined with thesis proposal or comprehensive	O
2	石室秘录	Chen shi duo	Combined with thesis proposal or comprehensive	O
3	医宗金鉴	Wu qian	Combined with thesis proposal or comprehensive	O
4	医学衷中参西录	Zhang xi chun	Combined with thesis proposal or comprehensive	O
5	针灸大成	Yang ji zhou	Combined with thesis proposal or comprehensive	O
6	景岳全书.妇人规	Zhang jing yue	Write book report	C
7	傅青主女科	Fu qing zhu	Write book report	C
Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination; 2. Examination on thesis proposal or comprehensive examination; 3. Reading Report; 4. Other specific ways.				



Graduate Program for Public Health and Preventive Medicine

School	School of Public Health	Student Type	Master				
Discipline	Public health and Preventive Medicine	Discipline Code	1004				
Subject included	Epidemiology and health statistics (100401); Occupational and environmental health (100402); Nutrition and food hygiene (100403); child and adolescent health and maternal and child health care (100404); Hygienic toxicology (100405); Social medicine and health service marketing (107401)						
Length of Study	Master <u>3</u> years;						
Credit Requirements	Master ≥ 22 credits: ≥ 15 credits for courses, <u>4</u> credits for other academic sections.						
Program Objectives	After completing the program, candidates are expected to (1) grasp theories of Marxism and socialism; (2) be diligent, innovative and rigorous; (3) develop themselves morally, intellectually and physically; (4) grasp basic theories, specialized knowledge of their chosen field and other relevant fields, and experiment methods, techniques and ways of scientific research; (5) be aware of the development and the status quo of the field they study; and (6) be proficient in at least one foreign language, and be able to read foreign literature and communicate with foreign scholars fluently.						
Requirements of Research Ability and Other Aspects	Candidates are required to (1) be skillful at reading, analyzing, and summarizing relevant literature from home and abroad, and do well in writing literature reviews; (2) grasp frequently-used statistical methods, skills of field investigation, and experiment skills, and 1-3 latest technologies or methods closely relevant to the field they study; (3) acquaint themselves with the history, the status quo, and the development of their chosen field and relevant research techniques; (4) be eligible for engaging in scientific researches on translational medicine; (5) be of the ability to grasp new knowledge, new technologies in research fields within a short time, and make use of them in the thesis writing.						
Curriculum (*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits	000010201	First foreign language	2	FA/ SP	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA	C		
	000010104	Dialectics of nature	1	FA	C		
Compulsory	350010001	Senior health statistics	4	FA	O		



Courses: Master ≥ 5 credits	350010002	Advanced epidemiology	4	FA	O		
	350010003	Modern experimental preventive medicine	3	FA	O		
	350010004	Examples of modern medical research	2	SU	O		
Professional selective course ≥ 6 credits	350020001	Selected theory of translational medicine	3	FA	O		
	350010006	Scientific writing	1	SU	O		
	350020002	Senior health cause marketing	4	FA	O		
	350020003	Health economics	1	FA	O		
	350020004	Study of biological products	3	FA	O		
	350030001	The foundation of molecular imaging	2	FA	O		
	350020005	Application SAS statistical analysis	2	FA	O		
	350020006	Senior occupation disease	2	SP	O		
	350020007	modern nutriology	2	SP	O		
	350020008	modern environmental hygiene	2	SP	O		
	350020009	Toxicology tutorials	2	SP	O		
	350030003	Structural biology	2	SU	O		
	350030004	Laboratory Animal Science	2	SU	O		
	350010007	Introduction of Epidemiology	2	SP	O		
	150021002	Advanced immunology	2	FA	O		Medical College
	150011202	Clinical epidemiology	2	FA	O		Medical College
	110010001	Molecular Cell Biology	2	FA	O		Life Science College
110020014	Molecular cell biology technology	2	FA	O		Life Science College	
110030010	Molecular virus and diagnostics	2	SP	O		Life Science College	
Other Requirements							



Other Academic Sections(C-Compulsory; O-Optional)				
Category	C or O	Credit	Content and Requirements	Evaluation (Ways and time)
Experiment Requirement		3	In the first semester of their first academic year, postgraduates shall select at least 3 laboratories, and participate in experiments organized by each laboratory for no less than one and a half months each time.	Candidates' performance will be evaluated by supervisors of each laboratory.
Academic Lectures and Reports	C	2	Each postgraduate shall attend at least 40 academic lectures or reports delivered by experts and scholars from home and abroad.	Prior to thesis review, candidates' performance will be evaluated according to their attendance record
Qualification examination and Mid-term Assessment	C	1	The assessment committee assigned by the Academic Degree Committee will evaluate candidates' performance from the following perspectives: courses learning, preparation for thesis writing (thesis proposal in their first academic year), current situations of their thesis writing (experimental study in their second academic year), and their grasp of the latest development in the field of public health and preventive medicine from home and abroad. Candidates who fail the assessment will be advised to quit school or be given a Yiye certificate (a certificate given to those who have not obtained necessary credits for graduation).	It is usually held in June of the second academic year, or September of the second academic year.
Literature Review and Research Report			Candidates shall select a subject for their thesis under the guidance of the supervisor, and apply to the Academic Degree Committee for a thesis proposal report. A thesis proposal shall contain: the status quo of the research on the subject at home and abroad, major issues that might be dealt with, theories and methods that might be adopted, data collected, experiment conditions, working schedule, expected results, etc. The expert team and supervisors will mainly examine candidates' ability in searching for literature, designing projects and expressing thoughts. Candidates are also required to complete the Thesis	It is usually held in June of the first academic year, or September of the second academic year.



			Proposal Report Form and submit it to the teaching secretary for the record.	
Teaching Practice & Social Practice	C	1	Masters shall participate in teaching practice and research. Candidates shall work as the teaching assistant for theoretical or experiment courses, or the research assistant. Candidates' performance will be evaluated by the course instructor.	It shall be conducted before their graduation.
Inter-Campus Communication and Exchange			Candidates are encouraged to participate in academic exchanges in prestigious colleges and universities or research institutes at home or abroad, attend international or national academic conferences, and apply for government funded overseas study programs.	It shall be completed before their graduation. It counts 1 credit.
Thesis	<p>Thesis writing plays an important part in postgraduates cultivation. It is a comprehensive training for candidates concerning scientific research and/or specialized technical work. Thesis writing helps develop the candidate's ability in undertaking scientific research and specialized technical work, and the ability in detecting, analyzing, and solving problems by adopting theories and principles learned.</p> <p>1. Standardization.</p> <p>The thesis shall contain a content table, a Chinese abstract, an English abstract, a symbol/abbreviation list, an introduction, a body (including materials and methods, results, discussions, conclusions, etc.), an appendix (including photos and illustrations, audiovisual data, etc.), references, a literature review, an acknowledgement, papers published during master studies, and relevant statements. Candidates shall see publications.</p> <p>2. Thesis quality.</p> <p>The research shall be authentic, concise, coherent, and reliable. It shall be supported with correct calculation, reasonable analyses, and sufficient discussions.</p> <p>Prior to applying for the academic degree, the candidate shall have published at least 1 first-author paper in core journals or SCI, EI, SSCI or ISTP journals. For the publications, Xiamen University shall be the first-author affixation. Under the condition that the publication appears in SCI journals, and the IF of the journal is more than 8, it can still be recognized as the candidate's academic outcome if the candidate is the co-author and Xiamen University is the first-author affixation.</p>			
Major References and Journals (C-Compulsory; O-Optional)				
No.	Title	Author	Evaluation*	Remarks (C or O)



Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;
2. Examination on thesis proposal or comprehensive examination;
3. Reading Report;
4. Other specific ways.



Graduate Program for Translational Medicine

School	School of Public Health		Student Type	Master			
Discipline	Translational Medicine (Interdisciplinary)		Discipline Code	09J6			
Subject included	Translational medicine(0710J6); Translational medicine(0804J6); Translational medicine(1004J6)						
Length of Study	Master <u>3</u> years						
Credit Requirements	Master ≥ 22 credits: ≥ 15 credits for courses, ≥ 4 credits for other academic sections.						
Program Objectives	After completing the program, candidates are expected to (1) grasp theories of Marxism and socialism; (2) be diligent, innovative and rigorous; (3) develop themselves morally, intellectually and physically; (4) grasp basic theories, specialized knowledge of their chosen field and other relevant fields, and experiment methods, techniques and ways of scientific research; (5) be aware of the development and the status quo of the field they study; and (6) be proficient in at least one foreign language, and be able to read foreign literature and communicate with foreign scholars fluently.						
Requirements of Research Ability and Other Aspects	Candidates are required to (1) be skillful at reading, analyzing, and summarizing relevant literature from home and abroad, and do well in writing literature reviews; (2) grasp frequently-used statistical methods, skills of field investigation, and experiment skills, and 1-3 latest technologies or methods closely relevant to the field they study; (3) acquaint themselves with the history, the status quo, and the development of their chosen field and relevant research techniques; (4) be eligible for engaging in scientific researches on translational medicine; (5) be of the ability to grasp new knowledge, new technologies in research fields in a short time, and make use of them in the thesis writing.						
Curriculum							
(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)							
Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits	000010201	First foreign language	2	FA, SP	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA, SP	C		
	000010104	Dialectics of nature	1	FA	C		
Compulsory Courses: Master \geq <u>5</u> credits	350020001	Selected theory of translational medicine	3	FA	O		
	350010005	Medical statistics	2	FA	O		
	350010004	Examples of modern medical research	2	SU	O		



Professional selective course: ≥6credits	350010006	Scientific writing	1	SU	O		
	350020004	Study of biological products	3	FA	O		
	350030001	The foundation of molecular imaging	2	FA	O		
	350020005	Application SAS statistical analysis	2	FA	O		
	350030003	Structural biology	2	SU	O		
	350030004	Laboratory Animal Science	2	SU	O		
	150021002	Advanced immunology	2	FA	O		Medical College
	150011202	Clinical epidemiology	2	FA	O		Medical College
	320030122	Molecular Cell Biology	2	FA	O		Life Science College
	360020004	Molecular cell biology technology	2	FA	O		Life Science College
	150021002	Molecular virus and diagnostics	2	SP	O		Life Science College
	150011202	Preparation and characterization of nano materials	2	SP	O		Materials College
	320030122	Advanced Pharmaceutics	3	SP	O		Pharmacy College
			Biomolecular computing	2	SP	O	
Other Requirements							
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements				Evaluation (Ways and time)
Experiment Requirement		3	In the first semester of their first academic year, postgraduates shall select at least 3 laboratories, and participate in experiments organized by each laboratory for no less than one and a half months each time.				Candidates' performance will be evaluated by supervisors of each laboratory.



Academic Lectures and Reports	C	2	Each postgraduate shall attend at least 40 academic lectures or reports delivered by experts and scholars from home and abroad.	Prior to thesis review, candidates' performance will be evaluated according to their attendance record
Mid-term Assessment	C	1	The assessment committee assigned by the Academic Degree Committee will evaluate candidates' performances from the following perspectives: courses learning, preparation for thesis writing (thesis proposal in their first academic year), current situations of their thesis writing (experimental study in their second academic year), and their grasp of the latest development in the field of translational medicine from home and abroad. Candidates who fail the assessment will be advised to quit school or be given a Yiye certificate (a certificate given to those who have not obtained necessary credits for graduation).	It is usually held in June of the second academic year or September of the third academic year.
Literature Review and Research Report			Candidates shall select a subject for their thesis under the guidance of their supervisor, and apply to the Academic Degree Committee for a thesis proposal report. A thesis proposal shall contain: the status quo of the research on the subject at home and abroad, major issues that might be dealt with, theories and methods that might be adopted, data collected, experiment conditions, working schedule, expected results, etc. The expert team and supervisors will mainly check candidates' ability in searching for literature, designing projects and expressing themselves. Candidates are also required to complete the Thesis Proposal Report Form and submit it to the teaching secretary for the record.	It is usually held in June of the first academic year, or September of the second academic year.
Teaching Practice & Social Practice	C	1	Masters shall participate in teaching practice and research. Candidates shall work as the teaching assistant for theoretical or experiment courses, or the research assistant. Candidates' performance will be evaluated by the course instructor.	It shall be conducted before their graduation.



Inter-Campus Communication and Exchange		Candidates are encouraged to participate in academic exchanges in prestigious colleges and universities or research institutes at home or abroad, attend international or national academic conferences, and apply for government funded overseas study programs.	It shall be conducted before their graduation. It counts 1 credit.
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Thesis	<p>Thesis writing plays an important part in postgraduates cultivation. It is a comprehensive training for candidates concerning scientific research and/or specialized technical work. Thesis writing helps develop the candidate's ability in undertaking scientific research and specialized technical work, and the ability in detecting, analyzing, and solving problems by adopting theories and principles learned.</p> <p>1. Standardization.</p> <p>The thesis shall contain a content table, a Chinese abstract, an English abstract, a symbol/abbreviation list, an introduction, a body (including materials and methods, results, discussions, conclusions, etc.), an appendix (including photos and illustrations, audiovisual data, etc.), references, a literature review, an acknowledgement, papers published during master studies, and relevant statements. Candidates shall see publications.</p> <p>2. Thesis quality.</p> <p>The research shall be authentic, concise, coherent, and reliable. It shall be supported with correct calculation, reasonable analyses, and sufficient discussions.</p> <p>Prior to applying for the academic degree, the candidate shall have published at least 1 first-author paper in core journals or SCI, EI, SSCI or ISTP journals. For the publications, Xiamen University shall be the first-author affixation. Under the condition that the publication appears in SCI journals, and the IF of the journal is more than 8, it can still be recognized as the candidate's academic outcome if the candidate is the co-author and Xiamen University is the first-author affixation.</p>
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Major References and Journals (C-Compulsory; O-Optional)

No.	Title	Author	Evaluation *	Remarks (C or O)



Evaluation ways: 1. Examination: Knowledge of references and journals to be covered on the examination;

2. Examination on thesis proposal or comprehensive examination;

3. Reading Report;

4. Other specific ways.



Graduate Program for Pharmacy

School	School of Pharmaceutical Sciences	Student Type	Master
Discipline	Pharmacy	Discipline Code	1007
Subject included	Medicinal Chemistry (100701); Pharmaceutics (100702); Pharmaceutical Analysis (100704); Pharmacology (100706).		
Length of Study	Master 3 years		
Credit Requirements	Master ≥ 22 credits; ≥ 17 credits for courses, 5 credits for other academic sections.		
Program Objectives	Candidates are expected to (1) grasp basic theories and specialized knowledge of pharmacy, and be fully aware of theories and research methods of other relevant fields; (2) be acquainted with the status quo, development trend of the field they study; (3) be skillful at using relevant instruments; (4) be competent in undertaking scientific research and technological development with relevant theories and experiment skills; (5) be of the ability to complete a scientific research independently; and (6) be proficient in at least one foreign language.		
Requirements of Research Ability and Other Aspects	Candidates are required to (1) grasp basic theories and techniques of pharmacy and relevant disciplines; (2) be competent in undertaking scientific research and other specialized technical work independently; (3) be of the ability to do pioneering research on certain issues of pharmacy; (4) be of the ability to conduct academic communications.		

Curriculum

(*SP-Spring semester; FA-Fall semester; SU-Summer semester; C-Compulsory; O-Optional)

Category	Course Code	Course Name	Credit	Semester	Master	PhD	Remarks
General Courses: Master <u>4</u> credits	000010201	First Foreign Language	2	FA/SP	C		
	000010102	Study on the Theory and Practice of Socialism with Chinese Characteristics	1	FA/SP	C		
	000010104	Dialectics of Nature	1	FA	C		
Compulsory Courses: Master \geq <u>11</u> credits	360010001	Advanced Instrumental Analysis I	3	FA	Choose at least 3 courses		
	360010002	Advanced Instrumental Analysis II	3	FA			
	360010003	Pharmaceutical Research	3	FA			
	360010004	Cell and Molecular Biology	3	FA			
	360020001	Advanced Medicinal Chemistry	3	FA			
	360020002	Advanced Pharmacology	3	FA			
	360020003	Advanced Pharmaceutical Analysis	3	FA			



	360020004	Advanced Pharmaceutics	3	FA			
	360020005	Chemical Biology	3	FA			
	150012001	Experimental Zoology	3	FA			
	360010005	Scientific Literacy and Security	2	FA	C		
Optional Courses	360030001	Pharmacology Research & Perspectives	2	FA	O		
	360030002	Progress in Therapeutic Oligonucleotides	2	FA	O		
	360030003	NMR Spectroscopy - A Case Study	2	FA	O		
	360030004	Modern Pharmaceutical Preparation Technology	2	FA	O		
	150011001	Medical Molecular Biology	2	FA	O		
Other Requirements	<p>1. Postgraduates from Hong Kong, Macao, and Taiwan can be exempted from theoretical courses of Marxism. Credits short can be filled with other specialized courses.</p> <p>2. Candidates shall design an individual study plan within the first 2 weeks of their first school term. After the study plan is reviewed and signed by the supervisor, candidates shall submit it to the college for the record. Courses selected or quitted will not be valid without the supervisor's approval.</p>						
Other Academic Sections (C-Compulsory; O-Optional)							
Category	C or O	Credit	Requirements				Evaluation (Ways and time)
Academic Lectures	C	1	Candidates shall attend at least 20 academic lectures/forums/reports, and submit one report on those academic lectures.				Candidates are required to submit their report in the FA of the third academic year.
	C	1	Mid-term assessments are held publicly and respectively on discipline levels. The discipline committee shall inform candidates about the mid-term assessment 2 weeks in advance, and submit the name list of the candidates and the supervisors to the college for review. A notice shall be posted at least two days ahead. The results of the mid-term assessment shall be sent to the college for the record. More details: 1. The assessment requires a progress report on thesis writing. 2. Assessment committee members: the total number shall be at least 3, including the candidate's supervisor; half of the members				It is usually held in the FA (in December) of the second academic year.



<p>Mid-term Assessment</p>			<p>shall be supervisors for masters. The assessment committee shall meet all the above requirements, or it will be considered null and void.</p> <p>3. Candidates are required to submit a written progress report to the college for review beforehand; only after the written report is approved, can candidates apply for an oral report on their thesis writing. The oral report shall endure at least 15 minutes, and the Q&A process shall last at least 10 minutes; the whole process will be recorded for the record. Member of the assessmentcommittee shall evaluate the candidates according to novelty of the project, their comprehension on the chosen subject, their grasp of basic theories and specialized knowledge needed for specific research, workload and academic outcomes achieved since the delivery of the thesis proposal. T assessment committee members shall grade the candidates respectively according to their comprehensive performance. The final score will be an important reference for the application of scholarships. The assessment committee shall arrange batches to ensure it is comparable among candidates from different batches. Candidates who fail the assessmentare will be allowed a second chance within 4 months. If they fail the second time, they will be deprived of the right to apply for an academic degree, or will be advised to quit school.</p> <p>4. Candidates who get a good grade for the assessment are recommended to the master-PhD program; candidates who get an average score are advised to keep studying for their master degree; candidates who fail the assessment twice along with those who are absent from the assessment are deprived of the right to apply for a scholarship and the thesis defense. Candidates who are abroad or off-campus for joint study during the mid-term assessment period shall negotiate with the supervisor about the time for their mid-term assessment.</p> <p>5. Credits: 1 credit counted.</p>	
<p>Thesis Proposal</p>	<p>C</p>	<p>1</p>	<p>The thesis proposal report is held publicly and respectively on the discipline leve. The discipline committee shall inform the candidates 2 weeks in advance, and submit the name list of the candidates and the supervisors to the college for review. A notice shall be posted at least two days ahead. The results of the thesis proposal examination shall be submitted to the college for the</p>	<p>It is usually held in the SP (in April or May) of the first academic year.</p>



			<p>record.</p> <p>More detailed information:</p> <ol style="list-style-type: none"> 1. The report shall include a literature review, research schemes, and preliminary outcomes. 2. The examination committee shall be composed of at least 3 members, including the candidate's supervisor; half of the members must be supervisors for masters. The examination committee shall meet all the above requirements, otherwise the results will be considered null and void. 3. Candidates are required to present a thesis proposal report for at least 10 minutes; the Q&A process followed shall last at least 10 minutes. The whole process shall be recorded for the record. The examination committee shall evaluate candidates according to their comprehension on their subject, their grasp of basic theories and specialized knowledge needed for a specific research, etc. The evaluation committee shall provide a sort order of the evaluation results according to candidates' performance. No specific score is required. Candidates who fail the proposal are deprived of the right to apply for a scholarship and are allowed a second chance within 2 months. Candidates who fail twice will be deprived the right to apply for a master degree. 4. Candidates who are absent from the assessment for no reason are deprived of the right to apply for a scholarship and a thesis defense. Candidates who are abroad or off-campus for joint study during the thesis proposal report time shall negotiate with the supervisor about the time for their thesis proposal report. 5. 1 credit counted. 	
Teaching Practice	C	2	<p>Candidates shall conduct teaching practice and accumulate a workload of at least 96 teaching hours. Candidates' performance shall be evaluated by the course instructor. Candidates shall also take an active part in research projects led by the supervisor.</p>	
Thesis	<p>Masters:</p> <ol style="list-style-type: none"> 1. Thesis writing plays an important role in postgraduates cultivation. Candidates shall select a subject for the thesis under the guidance of the supervisor. Thesis selection shall consider the provincial-level or state-level research projects led by the supervisor, and center around important subjects in basic research or other important applied subjects. 2. Candidates shall allocate at least 2 years for the thesis writing. 			



	<p>3. Candidates who fail the thesis defense shall apply for a second time thesis defense half a year later.</p> <p>4. The thesis proposal examination shall be held no later than the SP of the first academic year.</p> <p>5. During the process of thesis writing, candidates shall take an active part in seminars regularly held by different research groups, and submit to the supervisor written progress reports on the research work and plans every month, or every other month.</p> <p>6. The literature review shall include a relatively comprehensive description of the research on the subject, and problems unsolved.</p> <p>7. There shall be innovative outcomes out of the thesis research. Candidates are required to achieve academic outcomes (publications or patents). The quality and quantity of the academic outcomes shall not only meet the requirements set by the college, but also the requirements set by the institute and the research group.</p> <p>8. Initial data from experiments, spectrograms, and results of analyses shall all be standardized and submitted to the research group for safe keeping.</p> <p>9. Thesis review and thesis evaluation shall be conducted according to relevant regulations formulated by the Graduate School of Xiamen University. Once the thesis is submitted for review, candidates shall be restricted from any information about the thesis review or thesis defense.</p>
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Major References and Journals (C-Compulsory; O-Optional)

No.	Title	Author	Evaluation*	Remarks (C or O)

Evaluation ways: 1.Examination: Knowledge of references and journals to be covered on the examination;
 2. Examination on thesis proposal or comprehensive examination;
 3. Reading Report;
 4. Other specific ways.