PME (Philosophy, Mathematics & Economics) Handbook

1. Educational Objectives for Economics (PME) Major

For modern professions and scientific research activities, compound education is fundamental. At the core of compound education are the three principle disciplines of human knowledge: humanities, social science and natural science. Bringing these three together, the PME (Philosophy, Mathematics & Economics) major is called into life as a golden combination for compound education. What the PME offers, namely philosophy (basis for humanities research), economics (an important branch of social science) and mathematics (foundation for natural sciences), are precisely the essence of liberal arts education.

PME adopts a tutorial system, which gives students and teachers opportunities to develop deepened relationship based on better communication and co-operation. Through the PME program, students can at the same time build broad perspectives and receive top professional trainings; develop comprehensive theoretical thinking capabilities and abilities to understand, analyze and give quick evaluations to important information; step into the realm of thinking and inquiry, acquire concrete data-analytical skills and cultivate awareness of social responsibility in general, PME aims to create leaders for the future by inspiring the gifts endowed with each student.

II. Degree Programs (Bachelor's Degree) Economics Major (PME), 4 years

The program allows substantial flexibility that students can enjoy to discover and explore their gifts and to tailor their own study programs.

- Courses in Economics: 70 credits
- Courses in either or both of Philosophy and Mathematics: 50 credits

The fourth-year school will offer special courses that facilitate topic and re-search oriented teaching, led by cross-disciplinary (PM, PE or ME) problems. These courses aim to bring together different disciplines, as well as the integration of economic theories and historical realities of the Chinese society, so as to encourage students to further develop their learning in an even broader knowledge space supplemented by practical understandings.

III. Total Credits:

142 credits

International students must take Survey of Chinese and Modern language courses

IV. Course Instruction

All instructions are conducted in English.

All the teachers have international experiences.

Chinese language courses are provided to guarantee a successful Chinese education with the following objectives:

International students possess ability of fluent oral expression and full comprehension of information exchanged in Chinese.

V. Courses

1. Design Principles

PME represents the third most fundamental as well as most important aspects of human thought and social life. Philosophy is the representation of conceptual thinking and the root of critical thinking; mathematics is the representation of symbolic thinking/thinking the basis for forming data-analytical thinking; economics is the representation of the most human activity since the inception of political society. The PME curriculum design unites general critical thinking, data-analytical thinking and social active thinking into one integral whole, in order to give students comprehensive ability to grasp the transcendental, the analytical and the experimental.

2. Principles of courses are designed to reflect organic links among philosophy, mathematics and economics. These three disciplines share commonalities in terms of mental exercises and training; Logic forms part of the essential basic knowledge of philosophy and is also the foundation for re-thematisation at the same time, whereas mathematical knowledge indispensable and critical for applied knowledge of economics. In our curriculum de-sign, philosophical courses give stress to the training of logic and are conected with mathematical exercises and training, with the aim to provide clear and effective mental training for the study of economics. As far as the connection between mathematics and economics are concerned, the courses emphasise in particular the effectiveness and practicability of mathematical knowledge in its role as instrument and methodology for economic studies.

3. Choosing their major in one of the three terms, students must also take into consideration of the general PME framework. No matter which subject is chosen, courses worth 30 credits in the other two areas are equally required. Students who have chosen economics as their major must complete at least 30 credits in either/both of Mathematics and Philosophy.

2. Principle Courses

| Liberal Course | 22 credits (Chinese language + Survey of China + Residential College Special Topics)
| Major | 120 credits
| Philosophy | Mathematics | Economics |
| History of Chinese Philosophy | Calculus | Introduction to Microeconomics & Macroeconomics |
| History of Western Philosophy | Linear Algebra | Mathematical Logic Political Philosophy |
| Year I | Differential Equations | Probability |
| Year II | Intermediate Microeconomics and Macroeconomics | The Theory and Method of Economic and Social Survey |
| | Principles of Public Policy | |

Year III

| Cognitive Logic Philosophy of Science and Technology | Statistics Scientific Computation | Econometrics Development Economics |
| Special PMM Courses | Special PMM Courses | Special PMM Courses |
| Advanced Seminars | Advanced Seminars | The World Economy and Trade |
| Year IV | Economic Foundations of Local Development |

VI. Location

International Campus of Zhejiang University Internation, Zhejiang Province, China

VII. Enrollment Scholarships

We plan to enroll 120 students in 2018. Full scholarship (tuition fee, accommodation, living allowance and medical insurance) for the first year will be granted upon admission. Renewals for accommodation and allowance will be subject to annual evaluations.

—Tuition fee: CNY 131,200.
—Accommodation on campus: CNY 32,000.
—International student medical insurance: CNY 3,200.

(Vital information and medical insurance items can be found at www.lbxx.net.)

—Living allowance: CNY 64,400.
TOTAL: CNY 251,800.

VIII. Deadline for Application

April 30, 2018

IX. Requirements for Applicants

Applicants must be non-Chinese citizens between the ages of 18-30 with no secondary high school diploma, in good health and they must abide by Chinese laws as well as ZJU’s rules and regulations; they must also respect Chinese culture and customs.

Non-native English speakers must provide proofs of proficiency in English (TOEFL or IELTS).

X. Required Documents for Application

—Application for Admission to Zhejiang University for International Students (undergraduate); Can be accessed here: Link http://icru.zju.edu.cn:8080/zjdxlxxzxt/default_xx_en.jsp
—Applicants must first fill it out online then submit a signed hardcopy.
—Original or notarized copy of High School Diploma (English or Chinese).
—Senior high school diploma (original copy or notarized copy in Chinese/English); Graduating high school students can provide instead a pre-graduation certificate issued by the school (in Chinese/English), but must supply diploma (if applicable).
—4 Original or notarized copy of transcripts of all courses taken during senior high school.
—Photocopy of passport and one recent passport photo (white background, 35mm x 45mm).

6. Proof of payment for application;
—Bank receipt of remittance of 408 RMB (Link to Bank Info http://icru.zju.edu.cn:8080/zjdxlxxzxt/default_xx_en.jsp)

7. Application Form for PME Undergraduate Scholarship of Zhejiang University.

N.B.:
—Application materials and application Fee will NOT be returned regardless of the result of application.
—Additional documents may be required by the school.

XII. Admission

Will be determined according to evaluations based on applicants’ competiveness and interviews.

The enrollment and completion of the university registration shall not be transferred to other majors.

XIII. Medical Insurance

International students are entitled to the comprehensive Medical Insurance offered by the university (However, physical and mental diseases incurred prior to registration are NOT covered).

Relevant medical insurance items can be found at www.lbxx.net.

XIV. Registration

The actual registration period is late August or early September. The exact time will be specified in the matriculation notice. Students should apply for an X1 visa at a Chinese embassy or consulate. Usually a valid passport, matriculation notice, and JW202 Form are needed for the visa application. For registration, students should report to International Campus of Zhejiang University at the time specified in the admission letter with the following documents: a valid passport, matriculation notice, JW202 Form and an X1 visa.

High school diplomas are required for students who have submitted pre-progression certificate. Failure to do so will result in cancellation of admission.

XV. Mailing address

Office of Undergraduate Program, International College, B1. 25 East 1 Building
866 Yixing Tong Road Zijingang Campus, Zhejiang University, Hangzhou, China
Post code: 310027

Please mark "PME Program Application Materials" on the envelope.

XVI. Contact

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PME Programme, Zhejiang University International Campus