**2015-2016 Educational Plan for****international PhD of Architecture**

**(Code: 081300Grant Master of Architecture academic degree)**

**I. Objectives**

Cultivate all-round development of morality, intelligence and physique. Have humanities spirit, ecological consciousness and the concept of sustainable development. Possess [creative](javascript:void(0);) [spirit](javascript:void(0);) and theoretical research ability.This professional doctormust meet the following requirements:

1. Possess a broad architecture solid theoretical basis. Have the system in-depth expertise and solid practical skills. Be familiar with the development and new trend of science and technology in architecture research direction. And have a keen insight of the discipline development.

2. Have the creatively independent ability to solve practical problems with learned theory. Possess the ability of undertaking independently research subject.

3. Possess the ability to engage inthe work of a high level of teaching, research and management in [institution](javascript:void(0);) [of](javascript:void(0);) [higher](javascript:void(0);) [learning](javascript:void(0);), [scientific](javascript:void(0);) [research](javascript:void(0);) [institution](javascript:void(0);) and City government management department.

**II. Research Field**

1. Architectural Design and Theory 2. Architectural History and Theory

3. Building Technology Science 4. Urban Design

5. Building System Engineering 6. Digital City and Architecture Research

**III. Research Duration**

The duration of academic PhD of architecture is 3-5 years.

**IV. Credits Requirements and Allotment**

Total credits≥32 credits

Specific credit allocation as follows:

|  |  |  |
| --- | --- | --- |
| Total credits | ≥32 credits | |
| Course credits | ≥11 credits | The University Public Course≥6 credits |
| The Professional Course for PhD≥2 credits  Optional Course≥3 credits |
| Practical research | ≥21 credits | Literature Reading and Thesis Proposal :1credits |
| Do Academic Report Consistent with Research Direction to School of Architecture and Urban Planning:1 credits |
| Listen to 10 or More Academic Report and Submit an [Essay](javascript:void(0);) of Reading Sense: 1credits |
| Dissertation Interim Report: 1credits |
| Published Papers:2credits |
| Academic Dissertation: 15 credits |

**V. Course** **Curriculum and Credits Allotment**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Category  Course | | Course code | Course name | Hours | Credits | Season | Department or teachers | Notes |
| Degree course  ≥11 credits | The University Public Course | 922.581 | The Chinese Language | 160 | 4 | Autumn | International College | ≥6 credits |
| 922.582 | General Introduction of China | 32 | 2 | Spring | International College |
| The Professional Course for PhD | 220.802a | Introduction to building academic research strategies and methods (international) | 32 | 2 | Spring/ Autumn | Li Baofeng  Zhou Wei  Lei Zukang  Tan Gangyi  Extramural [advisor](javascript:void(0);) | ≥2 credits |
| 220.811 | Building Environment Design Method | 16 | 1 | Autumn | Chen Hong  Zhu Shengwei |
| 220.806a | Special space theory | 16 | 1 | Spring | Wang Yuan |
| 220.810 | Settlement Research Theory and Method | 16 | 1 | Autumn | Li Xiaofeng |
| 220.807a | Construction of Virtual and Intelligent Design | 16 | 1 | Spring | Yu Zhuang |
| Optional Course |  | Can choose all courses of the master in our college and The Joint Design or Joint Teaching hosted by foreign tutors |  |  |  |  | ≥3 credits |
| Practical research≥21 credits | | 650.801 | Literature Reading and Thesis Proposal | | | 1 | School of Architecture and Urban Planning | ≥21 credits |
| 650.806 | Does Academic Report Consistent with Research Direction to School of Architecture and Urban Planning | | | 1 |
| 650.807 | Listen to 10 or Higher Academic Report and Submit an [Essay](javascript:void(0);) of Reading Sense. | | | 1 |
| 650.803 | Dissertation Interim Report | | | 1 |
| 650.804 | Published Papers(≥2 papers) | | | 2 |
| 650.805 | Academic Dissertation | | | 15 |

**VI. The Specific Requirements to Education Plan of PhD**

1. **About the optional courses**

Optional course refers to all kinds of doctor and master courses which are held by the department of architecture, urban planning and landscape.

1. **The quality assurance measures of education plan**

(1) The doctoral supervisor shall assume overall responsibility for the cultivation OfPhD,responsible for the cultivation of PhD and examination work.

(2) The mid-term examination

Doctoral Thesis proposal should be completed before the end of the second year. PhD candidate tutor conducts a comprehensive inspection of [curriculum](javascript:void(0);) learning, determining whether students can enter the dissertation phase.

(3)Literature reading and review

Literature reading and review shall submit the relevant stage results. The applicant of PhD must read not less than 60 references. Reviews part need have analysis and synthesis about literature reading.

(4) Thesis Proposal of PhD

Applicants of PhD should participate in dissertation defense organized by defense team of three or more guide tutors. The content of the thesis proposal should include as follows:

①The source of the topic, significance

②Subject research situation and development trend at home and abroad.

③The research content and the technical solution.

④Expectation of creative results about theory and practice.

⑤Expectant results.

⑥Main references.

(5) Dissertation interim report

(6) Published academic papers

Applicants of PhD Publish academic dissertations amount not less than 2 papers in domestic or foreign academic journals and academic conference.

1. **The management of dissertation defense**
2. Dissertation pre-defense

PhD sends dissertation to [adviser](javascript:void(0);) for the examination and approval after completing the dissertation writing. PhD need get through dissertation pre-defense organized by the [adviser](javascript:void(0);).The dissertation pre-defense need three teachers attending.Then the dissertation defense can send outside experts to blind review.

1. Dissertation blind review

Through dissertation pre-defense, PhD must be apply the qualification of PhD dissertation formal defense after passing dissertation blind review organized by three outside experts.

1. PhD applies for the dissertation defense and the qualification verification.

The qualification verification was conducted by advisor, PhD steering group and educational administration department.

The basic conditions for PhD students to apply for the dissertation defense:

1. Complete the courses stipulated in the credit.
2. Complete the dissertation literature reading and thesis proposal.
3. Complete dissertation interim report.
4. Publish stipulated number of papers in journals or meeting.
5. Do academic report consistent with research direction to the School of Architecture and Urban Planning.
6. Submit 10 lecture notes after attending academic report inside and outside the school.
7. Complete PhD dissertation writing.
8. Pass PhD dissertation pre-defense and blind review of outside experts
9. Dissertation modification

PhD should modify the research dissertation in accordance with the blind review opinions.  Fill in The Dissertation Modify Report of School of Architecture and Urban Planning of HUST. Then consolidate, describe for valuable comments, and explain design changes (or explain the reason why not modify). The table need completed and submitted to the reply committee together with the book review before the formal dissertation defense and it is as a measure of one of the bases.

1. Dissertation defense

PhD academic dissertation defense is organized by experts of the School of Architecture and Urban Planning. Other aspects shall be governed by the regulations of the school about the PhD Dissertation.

**School of Architecture and Urban Planning**

**The Department of Architecture**

**22, September, 2015**