Appendix I

**Training Program Template for Master Degree Candidates of Engineering**

Training Program for Master Degree Candidates of XXXX

（Code: Granting Master Degree of ）

I. Educational Objectives

1. Having a good master of solid basic knowledge and expertise in the field; grasping basic research methods, skills and possessing the ability to study practical problems;

2. Having a good command of a foreign language;

3. Cultivating rigorous and realistic attitude towards learning and working;

4. Being competent for work in the field.

II. Main Research Areas

1.； 2.；

3.； 4.；

5.； 6.；

III. The Length of Schooling and Training Mode

XXXX study as training mode and XXX years of schooling for master degree candidates.

IV. Credit Requirements and Allocation

Students should obtain at least 32 credits. Courses designed for Master of Engineering degree include both required and elective courses for which students should obtain at least 18 credits. Academic study possesses at least 14 credits. The specific credit allocation can be shown in the following table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Total credits | ≥32 credits | | | |
| Course credits | ≥18 credits | Common required courses ≥7 credits, including：2 credits for English, 2 credits for ideological and political courses, 3 credits for Mathematics | | |
| Major required courses ≥2 credits  Major elective courses ≥6 credits  Practice teaching（experiment, design, research and analysis）≥3 credits | | |
| supplementary courses, free-choice courses, scores counted, no credits | | |
| Practical training and academic study | ≥14 credits | Internship & practice designed for specialized courses ( report included) | 4 | Internship & practical training  ≥4 credits |
| Professional training（report included） | 4 |
| Thesis opening report | 1 | Required |
| Thesis interim progress report | 1 | Required |
| Master degree thesis | 8 | Required |

V. Curriculum Provision and Credit Allocation

Curriculum for Postgraduate Students of XXXX

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type**  **course** | | **Course code** | **Course name** | **Hour** | **Credit** | **Season** | **Faculty** | **Remarks** |
| Required courses for Master degree  ≥18 credits | Common required courses ≥  7 credits | xxx | First Foreign Language（English） | 32 | 2 | Autumn | School of Foreign Languages | Required |
|  | Theory and Practice of Scientific Socialism with Chinese Characteristics | 36 | 2 | Autumn | School of Marxism |
|  | Applied Mathematics for Advanced Engineering | 48 | 3 | Autumn | School of Mathematics |
|  | Introduction of Dialectics of Nature（science and engineering） | 18 | 1 | Autumn | School of Marxism | Required |
| Major basic courses  ≥2 credits |  | XXXXX |  |  | Autumn | School of xx | Required |
|  | XXXXX |  |  | Autumn | School of xx |
|  | XXXXX |  |  | Autumn | School of xx |
|  | . . . . . . . . . . . . . . |  |  | Autumn | School of xx |
| Major elective courses (restricted required courses)  ≥6 credits  Choose one orientation |  | XXXXXX |  |  | Autumn | School of xx | Orientation of XX |
|  | XXXXX |  |  | Autumn | School of xx |
|  | XXXXX |  |  | Autumn | School of xx | Orientation of XX |
|  | XXXXX |  |  | Autumn | School of xx |
|  | XXXXX |  |  | Autumn | School of xx | Orientation of XX |
|  | XXXXX |  |  | Autumn | School of xx |
|  | Professional courses of workshop for technology or research progress |  | 1 |  | School of xx | Choose one orientation |
|  | XXXXX |  |  |  | School of xx |
|  | XXXXX |  |  |  | School of xx |
|  | Participation in academic forum  or reports |  | 1 |  | School of xx |  |
| Practice teaching（experiment, design, research and analysis）≥3 credits |  | Experiment |  | 2 |  | School of xx |  |
|  | Design |  | 2 |  | School of xx |
|  | Research and analysis report for project or program |  | 1 |  | School of xx |
|  | Professional development report |  | 1 |  | School of xx |
| Non-required courses for Master degree | supplementary courses |  | XXXXX |  |  |  | School of xx | Required for postgraduates who are not majored in xx at undergraduate level |
|  | XXXX |  |  |  | School of xx |
| Practical training and academic study ≥14 credits | |  | Internship & practice designed for specialized courses (report included) |  | 4 |  | School of xx | Required credits in internship & practical training ≥4 credits |
|  | Professional training(report included） |  | 4 |  | School of xx |
|  | Thesis opening report |  | 1 |  | School of xx | Required |
|  | Thesis interim progress report（for postgraduates） |  | 1 |  | School of xx | Required |
|  | Master degree thesis（for postgraduates） |  | 8 |  | School of xx | Required |

VI. Internship and Practical Training

VII. Degree Thesis

VIII. Degree-granting

Appendix II

**Training Program Template for Master Degree Candidates of Economics and Management**

Training Program for Master Degree Candidates of XXXX

（Code: Granting Master Degree of ）

I. Educational Objectives

The XXXX program is characterized by.... Specific requirements are：

1.

2.

3.

4.

II. Main Research Areas

1. 2.

3. 4.

III. The Length of Schooling and Training Mode

Full-time non-directional or directional training mode and XXX years of schooling.

IV. Credit Requirements and Allocation

Students should obtain at least XX credits. Courses designed for Master of Economics and Management degree include both required and elective courses for which students should obtain at least XX credits. Internship and practical training occupies at the minimum of XX credits.Academic study possesses at least XX credits. The specific credit allocation can be shown in the following table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Total credits | ≥XX credits | | | |
| Course credits | ≥XX credits | Common required courses ≥XX credits，including: X credits for XX course, X credits for XX course | | |
| Major required courses ≥XX credits  Major elective courses ≥XX credits | | |
| supplementary courses, free-choice courses, scores counted, no credits | | |
| Internship & practical training | ≥ 4 credits | Internship & practice designed for specialized courses (report included) | 2 credits | Required |
| Professional training (report included） | 2 credits |
| Academic study | ≥10 credits | Thesis opening report | 1 credit | Required |
| Thesis interim progress report | 1 credit | Required |
| Master degree thesis | 8 credits | Required |

V. Curriculum Provision and Credit Allocation

Curriculum for Postgraduate Students of XXXX

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Course**  **type** | | **Course code** | **Course name** | **Hour** | **Credit** | | **Season** | **Faculty** | **Remarks** |
| Required courses for Master degree ≥XX credits | Common required courses ≥XX credits |  | Theory and Practice of Scientific Socialism with Chinese Characteristics | 36 | 2 | | Autumn | School of Marxism | Required |
|  | First Foreign Language (English) | 48 | 3 | | Autumn | School of Foreign Languages |
|  |  |  |  | |  |  |
| Major required courses ≥XX credits |  |  |  |  | |  | School of XX |
|  |  |  |  | |  | School of XX | Required |
|  |  |  |  | |  | School of XX |
|  |  |  |  | |  | School of XX |
|  |  |  |  | |  | School of XX |
|  |  |  |  | |  | School of XX |
| Major elective courses ≥XX credits |  |  |  |  | |  | School of XX | Orientation of XX |
|  |  |  |  | |  | School of XX |
|  |  |  |  | |  | School of XX | Orientation of XX |
|  |  |  |  | |  | School of XX |
|  |  |  |  | |  | School of XX | Any selection |
|  |  |  |  | |  | School of XX |
|  |  |  |  | |  | School of XX |
|  |  |  |  | |  | School of XX |
|  |  |  |  | |  | School of XX |
| Non-required courses for Master degree | supplementary courses |  |  |  |  | | At least 2 main courses must be selected by students who are not majored in economics and management at undergraduate level, and these courses are scores counted, without credits. | | |
|  |  |  |  | |
|  |  |  |  | |
|  |  |  |  | |
|  |  |  |  | |
| free-choice courses |  | Any selection can be made by students after getting consent of the supervisor, and those courses are scores counted, without credits. | | | | | | |
| Internship & practical training ≥4 credits | |  | Internship & practice designed for specialized courses ( report included) |  | 2 |  | | School of XX | Required |
|  | Professional training (report included） |  | 2 |  | | School of XX |
| Academic study ≥10 credits | |  | Thesis opening report |  | 1 |  | | School of XX |
|  | Thesis interim progress report |  | 1 |  | | School of XX |
|  | Master degree thesis |  | 8 |  | | School of XX |

VI. Internship and Practical Training

To strengthen practice teaching, students are required to participate in teaching practice both in class and internship bases.

Evaluation in the following mode：

Internship & practice designed for specialized courses(report included)：students are required to take an internship in companies and submit internship program. A summary report is also required to be written and signed by the director, and 2 credits can be obtained after passing the evaluation.

Professional training（report included）：students are required to..., and submit... , 2 credits can be obtained after passing the evaluation.

VII. Degree Thesis

（1）Thesis writing and defense conditions

（2）Topic selection and form requirements

（3）Requirements of thesis opening report

（4）Requirements of interim evaluation

（5）Thesis review and defense requirements

VIII. Degree-granting

The candidates who have obtained the required credits and meet the relevant requirements are qualified to graduate and get their postgraduate diploma; Huazhong University of Science and Technology grant those postgraduates whose degree thesis pass the defense and review of School Degree Evaluation Committee, even meet all the graduation requirements, the XXXX degree.

Appendix III

**Training Program Template for Master Degree Candidates of Humanities and Social Sciences**

Training Program for Master Degree Candidates of XXXX

（Code: Granting Master Degree of ）

I. Educational Objectives

The XXXX program aims to cultivate high-level,pragmatic and professional XX talents with the concept of socialist rules of law and XX XX.

Specific requirements：

1. Having a good master of the basic principles of Marxism, consciously abiding by the Constitution and the laws, possessing good political consciousness and citizen quality,profoundly grasping the concept of socialist rules of law and the professional ethics in XX.

2. Having a good command of the basic principles in XX, and the related expertise, terminologies, thinking habit and professional skills in XX.

3. Holding comprehensive knowledge structure, broad humanity horizon and ethical career; being competent in XX independently in one or several fields.

4. Having a deeply mastery of a foreign language and can read professional English file fluently.

5. Being sound in body and mind.

II. Prospective Students

Prospective students of this program generally are university graduates of XX major who have acquired Bachelor’s degrees (or equivalence of Bachelor’s degree) granted by colleges and universities falling in National Education Series. They should have a strong affection for our motherland, support the leadership of the Communist Party of China and wish to serve the socialist modernization with decent moral, physical and mental health.

Only the students with required scores in the national-organized postgraduate entrance examination and the reexamination held by the applied school are enrolled. Admission date will be in autumn.

III. Main Research Areas

1． 2．

3． 4．

5． 6．

IV. The Lengthen of Schooling and Training Mode

1. Full-time non-directional or directional training mode and XXX years of schooling.

2. With classroom teaching as the basic teaching form, practical teaching is also highly adopted and much emphasis is put on the cultivation of the practical ability to link theory with practice.

3. Tutor group instruction mode which combined collective cultivation with individual responsibility. The tutor group is mainly composed of professors and associate professors with qualifications for instructing master students, and also may consist of eminent person with senior professional qualifications working in XX department or experienced person in a specific field.

4. Strengthen contacts and exchanges between teaching and practice by hiring experts of XX department to take participate in teaching and training of postgraduates.

5. Assessment of required courses consists of exams and evaluation. The courses of exam assessment should not be less than 80% of the total courses. The assessment methods are flexible, focusing on examining the students’ professional ability and skills to discover, analyze, estimate and solve practical problems, and reducing the assessment for rote learning.

V. Academic Credit System

1. Credit requirements

Students should obtain at least XX credits. Courses designed for XX degree include both required and elective courses for which students should obtain at least XX credits. Internship and practical training occupies at the minimum of XX credits. Academic study possesses at least XX credits. The specific credit allocation can be shown in the following table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Total credits | ≥XX credits | | | |
| Course credits | ≥XX credits | Common required courses ≥XX credits，including：X credits for XX course，X credits for XX course | | |
| Major required courses ≥XX credits  Major elective courses ≥XX credits | | |
| supplementary courses, free-choice courses, scores counted, no credits | | |
| Internship & Practical training | ≥10 credits | Professional document writing | 2 credits | Required |
| Professional design | 2 credits |
| Professional training | 2 credits |
| Internship & practice designed for specialized courses | 2 credits |
| Internship & practice report | 2 credits |
| Academic study | ≥10 credits | Thesis opening report | 1 credit | Required |
| Thesis interim progress report | 1 credit | Required |
| Master degree thesis | 8 credits | Required |

2. Curriculum provision and credit allocation

Curriculum for Postgraduate Students of XXXX

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Course**  **type** | | **Course code** | **Course name** | **Hour** | **Credit** | **Season** | **Faculty** | **Remarks** |
| Required courses for master degree ≧ XX credits | Common required courses ≥XX credits |  | Theory and Practice of Scientific Socialism with Chinese Characteristics | 36 | 2 | Autumn | School of Marxism | Required |
|  |  | First Foreign Language (English) | 48 | 3 | Autumn | School of Foreign Languages |
| Major required courses ≥XX credits |  |  |  |  |  | School of XX |
|  |  |  |  |  | School of XX | Required |
|  |  |  |  |  | School of XX |
|  |  |  |  |  | School of XX |
|  |  |  |  |  | School of XX |
|  |  |  |  |  | School of XX |
| Major elective courses ≥XX credits |  |  |  |  |  | School of XX | Restricted common required courses  ≥XX credits |
|  |  |  |  |  | School of XX |
|  |  |  |  |  | School of XX |
|  |  |  |  |  | School of XX |
|  |  |  |  |  | School of XX |
|  |  |  |  |  | School of XX | free-choice courses ≥XX credits |
|  |  |  |  |  | School of XX |
|  |  |  |  |  | School of XX |
|  |  |  |  |  | School of XX |
|  |  |  |  |  | School of XX |
| Non-required courses for Master degree | supplementary courses |  |  |  |  | Those supplementary and free-choice courses which are scores counted and no credits can be selected based on the actual situation of this major | | |
|  |  |  |  |
| free-choice courses |  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Internship & Practical training ≥10 credits | | 650.703 | Professional document writing |  | 2 |  | School of XX | Required |
| 650.704 | Professional design |  | 2 |  | School of XX |
| 650.706 | Professional training |  | 2 |  | School of XX |
| 650.705 | Internship & practice designed for specialized courses |  | 2 |  | School of XX |
| 650.707 | Internship & practice report |  | 2 |  | School of XX |
| Academic study ≥10 credits | | 650.708 | Thesis opening report |  | 1 |  | School of XX |
| 650.709 | Thesis interim progress report |  | 1 |  | School of XX |
| 650.710 | Master degree thesis |  | 8 |  | School of XX |

3. Professional Ethics and Professional Ability

A variety of ways and means should be employed to enhance students’ professional ethics and professional ability in XX. The professional ethics of XX includes professional morality and practice rules. Professional ability includes five aspects which are professional thinking, professional language, the required professional knowledge, XX methods and XX technology. The contents of professional ability are as follows:

1．

2．

3．

4．

5．

The above contents should be integrated into each course to be cultivated through course teaching, practice, seminars and project researches with importance attached to the integrated application of these skills.

VI. Internship and Practical Training

1．Professional document writing（including training of drafting XX、XX，which is taught by teachers or experts with practical experiences）；

2．Professional design；

3．Professional training（provide XX、XX、XX for students to choose based on different professional emphasis, which is organized by teachers and coached by experts of practical departments）；

4．Internship & practice designed for specialized courses（students are required to take an X-month internship in a practical department and carefully write the internship log and summary which needs the department’s evaluation and validation; then 2 credits can be obtained after all these materials have been submitted and passed the final evaluation）；

5．Internship & practice report（conduct in-depth research on a specific case that comes into contact with the internship, and discuss the related issues on the basis of this study; ways can be special research or case study, but the final findings must be presented in form of thesis, not a simple case analysis）。

VII. Thesis and Degree-granting

1. Degree thesis

Topic selection of academic thesis should obey the principle of integrating theory with practice. The thesis contents should focus on practical problems, face XX affairs and go deep into XX theories. It should mainly reflect the students’ ability to solve theoretical and practical problems with the knowledge they have learned. The tutor group should assign a specific supervisor to guide the student’s thesis according to his/her thesis topic.

Thesis of XX master’s degree should take practice research as main content, but not limited to academic papers, case analysis(for more than three cases with the same topic),research report and special investigation are acceptable.

There should be a unified standard for thesis review, which can govern any form of thesis writing. The specific requirements of any form of thesis writing should be as follows:

1. Thesis opening report

2．Thesis interim progress report

3．Thesis guidance and inspection

4．Thesis review and defense

2. Degree-granting

The candidates who have have obtained the required credits from their course studies and internship, passed course evaluation and the graduation thesis defense will be granted the XX degree.

Appendix IV

Introduction to course for postgraduates of

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Course name： | | | | | | | Course code： | |
| Course type：□common required courses □major required courses □major elective courses □others： | | | | | | | | |
| Evaluation mode： | | | | | Teaching method： | | | |
| Major： | | | | | | | | |
| Semester： | | Total hours： | | | | | | Credit： |
| Curriculum requirements before selection： | | | | | | | | |
| Teacher’s name | Title | | Specialty | Age | | Academic orientation | | |
|  |  | |  |  | |  | | |
|  |  | |  |  | |  | | |
|  |  | |  |  | |  | | |
| Course Leader’s Education Experience and Academic Qualification： | | | | | | | | |
| Course Objective：    Course Outline：（Content and Chapters）  Chapter One  §1.1  Chapter Two  §2.1 | | | | | | | | |
| Textbooks： | | | | | | | | |
| Reference books： | | | | | | | | |