

# National Economy Mobilization

## 国民经济动员学

(99J3)

### 1. Introduction

The National Economy Mobilization Discipline was founded in 2002 and was approved in the same year as a key construction discipline for the State Commission of Science and Technology for National Defense Industry of the “10<sup>th</sup> Five-year Plan”. In 2003, with the approval of the Ministry of Education, under the first-level discipline of "Management Science and Engineering", the second-level discipline of "National Economy Mobilization" was independently established; In 2004, it became an important supporting discipline for the "985 Project" (Phase II) of the "National Defense Science and Technology Management and National Defense Mobilization" Philosophy and Social Science Innovation Base of Beijing Institute of Technology; In 2005, it passed the review of experts organized by the Academic Office of the State Council; in 2008, it was approved by the Ministry of Industry and Information Technology as a national defense Characteristic discipline (ministerial key discipline). In 2011, the Ministry of Education approved the establishment of the nation's first doctoral program for national economy mobilization based on three first-level disciplines: management science and engineering, applied economics, and business management.

The discipline of national economy mobilization is an interdisciplinary subject supported by first-level disciplines such as management science and engineering, applied economics, and business management. With the goal of cultivating high-level personnel in fields such as national economy mobilization, military-civil integration, national defense mobilization, and emergency management, adhering to the concept of talent cultivation that combines teaching, research, and practice. In scientific research, it pays attention to the systematic summarization and research of practical problems. In teaching, it pays attention to the cultivation of the practical ability of doctoral and postgraduate students. With regard to the construction of the teaching staff, a first-class faculty has been formed which consists of full-time teachers, well-known domestic experts and scholars.

Through the construction of more than ten years, the teaching and research capability of the national economy mobilization discipline has taken a leading position in China. Many doctoral and master's degree students cultivated in our school has become the senior management talents and businesses backbones in the field of national economy mobilization and national defense mobilization, and has laid a solid foundation for safeguarding China's national security.

## **2. Training Target**

The target is to train high-level innovative talents who have a good knowledge of international common sense, with the ability of spreading Chinese and foreign cultures occupied, so that to bring international graduate students into full play as a cultural bridge. Students should master the solid foundational theories and systems expertise of applied economics disciplines, with the ability to engage in scientific research independently.

## **3. Length of Schooling**

The basic length of schooling for master students is 2 years. In principle, students should complete the courses in the first academic year. Thesis work time should not be less than one year. The maximum length of study for master students is extended by 0.5 years on the basis of 2 years. The basic length of schooling for Ph.D. students is 4 years. In principle, students should complete the courses in the first academic year. Thesis work time should not be less than three years. The maximum length of study for Ph.D. students is extended by 2 years on the basis of 4 years.

## **4. Curriculum and Credits Requirements**

<b>Course Classification</b>	<b>Course Code</b>	<b>Course Name</b>	<b>Course Hours</b>	<b>Credits</b>	<b>Semester</b>	<b>Requirements</b>	<b>Master /Ph.D.</b>	<b>Credits Requirement</b>
Public Course	3700001	Chinese Language 汉语	96	3+3	1+2	Compulsory	Master /Ph.D.	
	3700002	Outline of China 中国概况	32	2	1/2	Compulsory	Master /Ph.D.	
Major Basic Courses	2101008	Intermediate Econometrics 中级计量经济学	32	2	1/2	Optional	Master	Master≥2 Ph.D.≥2
	2101010	Advanced Econometrics 高级计量经	32	2	1/2	Optional	Ph.D.	

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Optional Course	Major Core Courses	2101011	Economics of defense policy 国防政策经济学	32	2	1/2	Compulsory	Master/Ph.D.	Master≥2 Ph.D.≥2
		2101009	Macroeconomics 宏观经济学	32	2	1/2	Compulsory	Master/Ph.D.	
		2101001	Intermediate Microeconomics 中级微观经济学	32	2	1/2	Compulsory	Master	
		2101002	Advanced Microeconomics 高级宏观经济学	32	2	1/2	Compulsory	Ph.D.	
	Major Optional course	2101006	Management information systems 管理信息系统	32	2	1/2	Optional	Master	Master≥6 Ph.D.≥2
		2101007	Operations Research 运筹学	48	3	1/2	Optional	Master	
		2101012	International Trade: Theory and Policy 国际贸易理论与政策	32	2	1/2	Optional	Master	
		2101013	Development Economics 发展经济学(管理)	32	2	1/2	Optional	Master	
		2101014	Cross Cultural Management 跨文化管理	32	2	1/2	Optional	Master	
		2101015	Laws and	32	2	1/2	Optional	Master	

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			Regulations of the World Trade Organization 世界贸易组织法律法规						
		2101016	International Finance 国际金融学	32	2	1/2	Optional	Master	
		2101017	Selective Readings in Energy Economics and Climate Policy 能源与气候经济文献选读	32	2	1/2	Optional	Master	
		2101004	Efficiency and productivity analysis of energy and environment 能源环境效率与生产率分析	32	2	1/2	Optional	Master	
		2101005	Industry green management and optimization 行业绿色管理及优化	32	2	1/2	Optional	Master	
		2101018	Classic Literature on International Trade 国际贸易经典文献	32	2	1/2	Optional	Ph.D.	

Total Credits	Master≥18 credits	Ph.D.≥12 credits
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**Notes:**

1. Public Course

(1) Chinese Language: Set by International Students Center of BIT. All international students must take this compulsory course.

(2) Outline of China: Set by International Students Center of BIT. All international students must take this compulsory course.

2. Major Basic Courses

Different Programs can set their own Major Basic Course.

3. Optional Course

(1) Major Core Courses

Different Programs can set their own Major Core Course.

(2) Major Optional course

Master international students must take two optional courses of their own Program. Under the guidance of the supervisor, Master international students can take undergraduate courses if needed.

Ph.D. international students can take undergraduate courses if needed.

**5. Practice Part**

1. Academic Activity (1 credit)

International Graduate Students need to participate in academic activities, academic lectures and academic conferences of their own fields. Giving oral speeches on academic conferences, whether on or off campus, are highly recommended.

2. Innovative Practice (1 credit)

International Graduate Students should take scientific research training and social practices during their training period, which should be carried-out and evaluated by supervisors.

**6. The Dissertation Related Work**

1. Literature Review & Opening Report

Under the guidance of the supervisor, International Graduate Students should pick a research direction as well as reading certain amount reference books, both Chinese or foreign languages, at the same time.

Master students should write a literature review, no less than 4000 words, based on the reading of over

30 papers , both Chinese or foreign languages, of their own research field.

Ph.D. students should write a literature review, no less than 5000 words, based on the reading of over 50 papers , both Chinese or foreign languages, of their own research field.

On the basis of the Literature Review, the Opening Report should mainly introduce following factors: research target, research meaning, and methods of research, technical route, implementary plan, arrangements and expected results.

## 2. Mid-Term Evaluation

Schools organize Mid-Term Evaluation for International Students, which includes the evaluations of course study, literature review, opening report and the research progress of publishing papers and writing of Degree thesis.

## 3. Thesis Writing and Thesis Pre-Defense (for Ph.D. students)

International Graduate Students should complete a Degree thesis under the guidance of supervisors. Ph.D. students can take the Thesis Pre-Defense after finishing a supervisor-approved first draft.

## 4. Thesis Defense

After thesis approved and the Sub- Committee of Degree Assessment authorized, International Graduate Students can take the Thesis-Defense.

## 5. Degree Conferment

International students should acquire certain academic results as regulated when applying for a Master or Ph.D. Degree. Each program should clarify the categories of Master Degree and Ph.D. Degree.

### **Time Nodes of Relevant Procedure**

<b>The Dissertation Related Work</b>	<b>Master</b>	<b>Ph.D.</b>
Literature Review & Opening Report	Before week 1 of the 3 <sup>rd</sup> semester	Before week 1 of the 5 <sup>th</sup> semester
Mid-Term Evaluation	week 1-2 of the 4 <sup>th</sup> semester	Before week 1 of the 7 <sup>th</sup> semester
Thesis Pre-Defense	—	Before Blind review

Thesis Defense	At least 9 months after the Opening Report	At least 18 months after the Opening Report
Degree Application	The application should be raised in a certain time after the Thesis Defense	

## 7. Course Syllabus

Course Code, Course Name, Class Hour, Credits, Course Description and Course Target, Teaching Method, Evaluation and Exams, Suitable Specialty, Prerequisites, Course Contents, Reference.