

# 河海大學

## 全日制專業學位 碩士研究生培養方案



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# 2014 版全日制硕士专业学位研究生培养方案说明

2014

## 一、专业(领域)范围

## 二、培养目标

1.

2.

3.

## 三、学制和学习年限

2

4

1

## 四、培养方式

1.

2.

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## 五、学分要求和课程设置

30

20

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	6	9	10
	2	2	2
4	10		
		70	60
75		60	

## 六、实践环节

1

## 七、学位论文

1			1
2			1
3			2
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12		/	6 12

# 金融 (025100)

## ( Master of Finance )

### 一、专业范围

### 二、培养目标

1.

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### 三、培养方式

1.

2.

3.

### 四、学制和学习年限

2

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1

### 五、学分要求和课程设置

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### 六、实践环节

1

## 七、学位论文

20		66M0001	Socialism with Chinese Characteristics Theory and Practice	36	2			/		
		00E0001	Applied English	72	3			/		
		13M1303	Advanced Management	32	2					4
		13M1304	Advanced Economics	32	2					
		13M1323	Applied Statistics and Econometric Models	32	2					
		13M1321	Modern Decision Methods	32	2					
		13M1305	Advanced Operations Research	32	2					
		13E0801		32	2					
		13M1312	Financial intermediation and capital markets	32	2					12
		13M1306	Corporate Finance Analysis	32	2					
		13M1320	Investment	32	2					
		13M1307	Corporate Finance	32	2					
13M1311		Financial Engineering	32	2						
66M0002		Dialectics of Nature	18	1			/			
10	99M0000		16	1					4	
	13E1301	Corporate Social Responsibility and Business Ethics	32	2						
				4						
	00E0002	Information Retrieval	16	1						
	00E0003	Intellectual Property	16	1						
10										



## 本学科推荐阅读的重要书目、专著和学术期刊

- 1 M . 4 . 2013
- 2 M . 2 . 2011
- 3 A. W. F. M . 9 . 2012
- 4 R. A. M . 1 . 2007
- 5 Zvi Bodie Alex Kane Alan J. Marcus. M . 9 . 2012
- 6 John Hull. M . 8 . 2012
- 7 J .
- 8 J .
- 9 J .
- 10 J .
- 11 J .
- 12 J .
- 13 J .
- 14 J .
- 15 J .
- 16 J .
- 17 Journal of Finance J . American Finance Association
- 18 Review of Financial Studies J . Society for Financial Studies
- 19 Journal of Financial Economics J . University of Rochester
- 20 Journal of Financial and Quantitative Analysis J . University of Washington
- 21 Journal of Financial Intermediation J . Washington University in St. Louis
- 22 Journal of International Money and Finance J . Fordham University
- 23 Journal of Corporate Finance J . University of Georgia
- 24 Journal of Financial Markets J . Yale School of Management
- 25 Journal of Empirical Finance J . Maastricht University
- 26 Pacific – Basin Finance Journal J . University of Hawaii
- 27 Journal of Futures Market J . University of Virginia
- 28 Journal of Money Credit and Banking J . Ohio State University
- 29 Journal of international Economics J . University of Wisconsin
- 30 N . [http //paper. ce. cn/jjrb/html/2014 -01/02/node\\_2. htm](http://paper.ce.cn/jjrb/html/2014-01/02/node_2.htm)
- 31 N . [http //www. ftchinese. com/](http://www.ftchinese.com/)
- 32 N . [http //www. cs. com. cn/](http://www.cs.com.cn/)
- 33 N . [http //paper. people. com. cn/gjrb/html/2013 -12/31/node\\_645. htm](http://paper.people.com.cn/gjrb/html/2013-12/31/node_645.htm)
- 34 N . [http //www. yicai. com/](http://www.yicai.com/)

# 应用统计 (025200)

## ( Master of Applied Statistics )

### 一、培养目标

1.

2.

3.

4.

### 二、主要研究方向

1. Statistics in Water Conservancy

2. Financial Statistics

3. Economic Statistics

4. Industrial Statistics & Quality Control

### 三、培养方式

1.

2.

3.

### 四、学习年限

2

4

## 五、学分要求和课程设置

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## 六、实践环节

1.

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## 七、学位论文

20	66M0001	Theory and Practice of Socialism with Chinese Characteristics	36	2				/		5
	00E0001	Applied English	72	3						
	12E0401	Lecture on Probability & Statistics	48	3						6
	12E0402	Sampling Technique and Statistical Investigation	48	3						
	12E0403	Linear Modeling & Application	48	3						
	12E0404	Applied Statistics	48	3						
	12E0405	Multivariate Statistical Analysis	48	3						9
	12E0406	Social and Economic Statistical Principle	48	3						
	12E0407	Statistical Software and Application	48	3						
	12E0408	Time Series Analysis	48	3						
	12E0409	Intelligent Computing and Data Analysis Techniques	48	3						
12E0410	Statistical Quality Management	48	3							
12E0411	Reliability Analysis	48	3							
10	66M0002	Introduction to dialectics of nature	18	1				/		
	99M0000	Comprehensive Quality	16	1						
	00E0002	Information Retrieval	16	1						
	00E0003	Intellectual Property	16	1						
	00E0005	Introduction to engineering ethics	16	1				/		
	12E0412		16	1			/			
	12E0413	Data Mining	32	2						4
	12E0414	Finance	32	2						
	12E0415	Applied Stochastic Process	32	2						
	12E0416	Design of Experiments	32	2						

10	00E0004		48	1					
			240	5					
			144	2					
			48	1					
			48	1					

# 本学科推荐阅读的重要书目、专著和学术期刊

- 1 M . 2006.
- 2 M . 2006.
- 3 Sheldon M. Ross M . 2013.
- 4 M . 2002.
- 5 P. Malliavin. M . 2003.
- 6 6 M . 2012.
- 7 M . 2009.
- 8 M . 2012.
- 9 M . 2011.
- 10 R M . 2011.
- 11 M . 2009.
- 12 . SAS9.1 M . 2010.
- 13 SPSS15.0 for Windows M . 2008.
- 14 M . 2008.
- 15 M . 2009.
- 16 SAS M . 1999.
- 17 M . 2007.
- 18 M . 2009.
- 19 R M . 2011.
- 20 M . 2005.
- 21 M . 2008.
- 22 M . 2010.
- 23 M . 2013.
- 24 Casella G Berger R. L. 2 M . 2012.
- 25 . SPSS19.0 M . 2012.
- 26 3 M . 2011.
- 27 M . 2009.
- 28 ISSN 1002 - 4565 CN 11 - 1302 82 - 14.
- 29 ISSN 1001 - 4268 CN 31 - 1256 4 - 414.
- 30 ISSN 1002 - 1566 CN 11 - 2242 82 - 69.
- 31 ISSN 100 - 6487 CN 42 - 1009/C.
- 32 CN 11 - 2448/C.
- 33 Journal of the American Statistical Association JASA .  
Link [http //www. amstat. org/publications/jasa. cfm](http://www.amstat.org/publications/jasa.cfm)
- 34 Journal of the Royal Statistical Society Series B JRSSB .  
Link [http //www. blackwellpublishing. com/journal. asp ?ref = 1369 - 7412](http://www.blackwellpublishing.com/journal.asp?ref=1369-7412)
- 35 Annals of Statistics.  
Link [http //projecteuclid. org/DPubS ?service = UI&version = 1. 0&verb = Display&handle = euclid. aos](http://projecteuclid.org/DPubS?service=UI&version=1.0&verb=Display&handle=euclid.aos)
- 36 Statistical Science.  
Link [http //projecteuclid. org/DPubS ?service = UI&version = 1. 0&verb = Display&han dle = euclid. ss](http://projecteuclid.org/DPubS?service=UI&version=1.0&verb=Display&handle=euclid.ss)
- 37 Bernoulli.

- Link [http //projecteuclid. org/DPubS service = UI&version = 1. 0&verb = Display&handle = euclid. bj](http://projecteuclid.org/DPubS?service=UI&version=1.0&verb=Display&handle=euclid.bj)  
38 Scandinavian Journal of Statistics.
- Link [http //onlinelibrary. wiley. com/journal/10. 1111/](http://onlinelibrary.wiley.com/journal/10.1111/) ISSN 1467 – 9469  
39 Statistica Sinica.
- Link [http //www3. stat. sinica. edu. tw/statistica/](http://www3.stat.sinica.edu.tw/statistica/)  
40 Canadian Journal of Statistics.
- Link [http //onlinelibrary. wiley. com/journal/10. 1002/](http://onlinelibrary.wiley.com/journal/10.1002/) ISSN 1708 – 945X  
41 Australian & New Zealand Journal of Statistics.
- Link [http //onlinelibrary. wiley. com/journal/10. 1111/](http://onlinelibrary.wiley.com/journal/10.1111/) ISSN 1467 – 842X  
42 Journal of Multivariate Analysis.
- Link [http //www. journals. elsevier. com/journal – of – multivariate – analysis/](http://www.journals.elsevier.com/journal-of-multivariate-analysis/)

# 国际商务 (025400)

## ( International Business )

### 一、领域范围

### 二、培养目标

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2.



## 五、学分要求和课程设置

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## 六、实践环节

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## 七、学位论文



	66M0001	Socialism with Chinese Characteristics Theory and Practice	36	2			/		
	00E0001	Applied English	72	3			/		
	13M1303	Ad							

# 本学科推荐阅读的重要书目、专著和学术期刊

1 . M . . 2009.

2 . . M . . 2010.

3 J. . M . . 2012.

4 . . M . . 2012.

5 . . M . . 2012.

6 . . M . . 2011.

7 . . M . . 2012.

8 . . M . . 2012.

9 . -- M . . 2010.

10 . . M . . 2011.

11 P. . M . . 2003.

12 . M . . 2003.

13 . M . . 2003.

14 . M . . 2008.

15 . M . . 1999.

16 . M . . 2013.

17 . M . . 2008.

18 . M . . 2007.

19 . M . . 2001.

20 . M . . 2004.

21 . J . . 2005 3 16 – 20.

22 . J . . 2009 11 37 – 45.

23 . U . . --

J . . 2012 9 109 – 116.

24 Stoian C. Extending Dunning’s Investment Development Path the Role of Home Country Institutional Determinants in Explaining Outward Foreign Direct Investment J . International Business Review 2013 3 615 – 637.

25 .

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# 资产评估 (025600)

( valuation )

## 一、领域范围

五、学分要求和课程设置

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六、实践环节

1

七、学位论文

20		66M0001	Socialism with Chinese Characteristics Theory and Practice	36	2			/		
		00E0001	Applied English	72	3			/		
		13M1303	Advanced Management	32	2					4
		13M1304	Advanced Economics	32	2					
		13M1323	Applied Statistics and Econometric Models	32	2					
		13M1321	Modern Decision Methods	32	2					
		13M1305	Advanced Operations Research	32	2					
		13M1307	Corporate Finance	32	2					12
		13E1001	Financial Accounting and Accounting Principle	32	2					
		13E1006	Theory and Method of Assets Evaluation	32	2					
		13E1004	Business Valuation	16	1					
		13E1003	Evaluation of Intangible Assets	16	1					
		13E1002	Practice of Real Estate Appraisal	32	2					
		13E1007	Practice and Case Analysis of Assets Evaluation	32	2					
10	66M0002	Dialectics of Nature	18	1			/			
	99M0000		16	1						
	13E1301	Corporate Social Responsibility and Business Ethics	32	2						
				4						4
	00E0002	Information Retrieval	16	1						
	00E0003	Intellectual Property	16	1						
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## 本学科推荐阅读的重要书目、专著和学术期刊

- 1 . M . 2013.
- 2 . M . 2012 22 –28.
- 3 . M . 2009.
- 4 . M . 2010.
- 5 . M . 2011.
- 6 . M . 2012.
- 7 . M . 2004.
- 8 . M . 2004.
- 9 . M .  
2004.
- 10 . M .  
2011.
- 11 . M . 2011.
- 12 . M . 2011.
- 13 . M . 2011.
- 14 . M . 2010.
- 15 . E . E .  
M . 2012.
- 16 . M . 2011.
- 17 . M . 2003.
- 18 Brealey R A Myers S C. Capital investment and valuation M . McGraw Hill Professional 2003.
- 19 Parr R L Smith G V. Intellectual Property Valuation Exploitation and Infringement Damages M . John Wiley & Sons 2005.
- 20 . J . 2002 03 88 –96.
- 21 . J . 2005 01 75 –80.
- 22 DeFond M L Konchitchki Y McMullin J L O’Leary D E. Capital markets valuation and accounting performance of Most Admired Knowledge Enterprise MAKE award winners J . Decision Support Systems 2013 56 348 –360.
- 23 .
- 24 .
- 25 .
- 26 .
- 27 .
- 28 .
- 29 Journal of Banking & Finance Elsevier.
- 30 International Review of Financial Analysis Elsevier.
- 31 Journal of Financial Economics Elsevier.

# 法律(非法学)(035101)

( juris master)

## 一、专业范围

## 二、培养目标

1.

2.

3.

4.

## 三、培养方式

1.

2.

3.



#### 四、学制和学习年限

2

4

1

#### 五、学分要求和课程设置

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#### 六、实践环节

1.

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#### 七、学位论文



20	66M0001	Socialism with Chinese Characteristics Theory and Practice	36	2				/		5
	00E0001	Applied English	72	3				/		
	16E0101	Special Topic on the Legal Philosophy	48	3				/		6
	16E0102	Special Topic on the Administrative Law	48	3				/		
	16E0103	Special Topic on the Civil law	48	3				/		
	16E0104	Special Topic on the Criminal Law	48	3				/		9
	16E0105	Special Topic on the Commercial Law	48	3				/		
	16E0106	Special Topic on the International Law	48	3				/		
	16E0107	Special Topic on the Environmental Law	48	3				/		
	10	66M0002	Dialectics of Nature	18	1				/	
99M0000			16	1						
16E0108		Special Topic on the Constitutional law	16	1				/		8
16E0109		Special Topic on the Company Law	16	1				/		
16E0110		Special Topic on the Economic Law	16	1				/		
16E0111		Special Topic on the Property Law	16	1				/		
16E0112		Special Topic on the Obligation Law	16	1				/		
16E0113		Special Topic on the Legislation Law	16	1				/		
16E0114		Special Topic on the Intercultural Property Law	16	1				/		
16E0115		Special Topic on the Securities Law	16	1				/		
16E0116		Civial procedure law	16	1				/		
16E0117		Criminal procedure law	16	1				/		
16E0118		Administrativ procedure law	16	1				/		
16E0119	Labour and Social Security law	16	1				/			
16E0120	Insurance law	16	1				/			

10			48	1					
			240	5					
			144	2					
			48	1					
			48	1					

# 本学科推荐阅读的重要书目、专著和学术期刊

1	.	.	.	2003.
2	.	.	.	2003.
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# 法律(法学)(035102)

(juris master)

## 一、专业范围

## 二、培养目标

1.

2.

3.

4.

#### 四、学制和学习年限

2

4

1

#### 五、学分要求和课程设置

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#### 六、实践环节

1.

2.

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#### 七、学位论文



20	66M0001	Socialism with Chinese Characteristics Theory and Practice	36	2				/		5
	00E0001	Applied English	72	3				/		
	16E0101	Special Topic on the Legal Philosophy	48	3				/		6
	16E0102	Special Topic on the Administrative Law	48	3				/		
	16E0103	Special Topic on the Civil law	48	3				/		
	16E0104	Special Topic on the Criminal Law	48	3				/		9
	16E0105	Special Topic on the Commercial Law	48	3				/		
	16E0106	Special Topic on the International Law	48	3				/		
	16E0107	Special Topic on the Environmental Law	48	3				/		
	10	66M0002	Dialectics of Nature	18	1				/	
99M0000			16	1						
16E0108		Special Topic on the Constitutional law	16	1				/		8
16E0109		Special Topic on the Company Law	16	1				/		
16E0110		Special Topic on the Economic Law	16	1				/		
16E0111		Special Topic on the Property Law	16	1				/		
16E0112		Special Topic on the Obligation Law	16	1				/		
16E0113		Special Topic on the Legislation Law	16	1				/		
16E0114		Special Topic on the Intercultural Property Law	16	1				/		
16E0115	Special Topic on the Securities Law	16	1				/			

10			48	1					
			240	5					
			144	2					
			48	1					
			48	1					

# 本学科推荐阅读的重要书目、专著和学术期刊

1	.	.	.	.	.	2003.
2	.	.	.	.	.	2003.
3.	.	o	.	.	.	2004.
4	.	.	.	.	.	2004.
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33	.	R.	.	.	.	2001.
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# 社会工作(035200)

## (Master of Social Work)

### 一、专业范围

MSW

“

”

### 二、培养目标和要求

1.

2.

3.

### 三、学制和学习年限

2

4

1

### 四、培养方式

1.

2.

3.

### 五、课程设置与学分要求

	30	20	10
2	10		

### 六、实践环节

“ ”

### 七、学位论文

20	6	66M0001	Theory and Practice of Socialism with Chinese Characteristics	36	2		/	/		5
		00E0001	Applied English	72	3			/		
	15E0101	15E0101	Social Work Theory	48	3		/	/		12
		15E0104	Ethics in Social Work	32	2		/			
		15E0102	Social Research Methods	32	2		/	/		
		15E0105	Social Policy	32	2		/	/		
		15E0103	Advanced Social Work Practice	48	3		/			
	15E0106	15E0106	Human Behavior and Social Environment	32	2		/			9
		15E0111	Writing of Social Work Reports and Papers	16	1		/			
		15E0122	Community Development and Management	32	2		/			
	10	66M0002	Introduction to dialectics of nature	18	1			/		
		99M0000	Comprehensive Quality	16	1					
		15E0109	Psychological Consultation and Guidance	32	2		/			
15E0115		Floating Population Service and Management	16	1		/				
15E0113		Environmental Policy and Practice	32	2		/				
15E0120		Propaganda and Education of Environmental Protection	16	1		/				
15E0121		Environment and Behavior	16	1		/				
15E0112		Social Work of Resettlement	32	2		/				

15E0119 Theories and Implementation ofmp

10	15E0125	Management of NGO	32	2		/			10
	15E0126	Poverty and Development	32	2		/			
	15E0107	Supervision in Social Work	32	2					
	15E0123	Disastrous Social Work	32	2		/			
	15E0127	Family Social Work	32	2		/			
	15E0128	Social Work with Women	32	2		/			
	15E0129	Social Work with Adolescents	32	2		/			
	15E0116	Senior's Social Work	32	2		/			
	15E0117	Social Work in Rural Area	32	2		/			
	15E0108	Social Work of Community	32	2		/			
	15E0114	Professional Standards of Social Worker	32	2		/			
10	1.	"	"	1					
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## 本学科推荐阅读的重要书目、专著和学术期刊

- 1 . M . 2006.
- 2 . M . 2003.
- 3 . - M . 2005.
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- 6 . M . 2004.
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- 9 . 2000.
- 10 . . — M . . 2005 .
- 11 . M . 2011.
- 12 . M . 2010.
- 13 . M . 2005.
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- 16 . M . 2002.
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- 18 . M . 2002.
- 19 . M . . 2002.
- 20 . M . 2001.
- 21 . M . . 2009.
- 22 SOCIAL WORK
- 23 COMMUNITY MENTAL HEALTH JOURNAL
- 24 SOCIAL SCIENCE JOURNAL
- 25 SOCIAL SCIENCE QUARTERLY
- 26 SOCIAL SCIENCE RESEARCH
- 27 SOCIAL SERVICE REVIEW
- 28 SOCIAL STUDIES OF SCIENCE
- 29 SOCIAL WORK IN HEALTH CARE
- 30 SOCIAL WORK RESEARCH
- 31 AMERICAN JOURNAL OF HEALTH PROMOTION
- 32 AMERICAN JOURNAL OF HEALTH BEHAVIOR
- 33 AMERICAN JOURNAL OF PSYCHOLOGY
- 34 AMERICAN JOURNAL OF PUBLIC HEALTH

# 翻译 (055100)

( Master of Translation and Interpreting )

## 一、专业范围

Master of Translation and Interpreting

MTI

## 二、培养目标

## 三、培养方式

1.

2.

3.

## 四、学制和学习年限

2

4

1

## 五、学分要求和课程设置

30

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## 六、实践环节

1

## 七、学位论文

1.

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10			48	1					
			240	5					
			144	2					
			48	1					
			48	1					

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1	J .			
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28	.	M .	1998.	
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32	.	M .	1994.	
33	.	M .	2001.	
34	.	M .	1994.	
35	.	M .	1995.	
36	. 20	M .	2004.	
37	.		M .	2003.
38	.	--	M .	2003.
39	.	" "	M .	1999.
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42	.		M .	1996.
43	.	-	M .	2001.

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# 机械工程领域(085201)

( Mechanical Engineering )

## 一、领域范围

CAD/CAPP/CAM/CAE

## 二、培养目标

## 三、培养方式

1.

2.

3.

## 四、学制和学习年限



## 五、学分要求和课程设置

20		66M0001	Theory and Practice of Socialism with Chinese Characteristics	36	2			/		5
		00E0001	Applied English	72	3			/		
		88E0004	Optimization Methods	48	3					6
		77E0001	Structural Dynamics	48	3					
		77E0003	Elastic Mechanics	48	3					
		09E0101	Finite Element Analysis and Application	48	3					9
		09E0102	Modern Mechanical Design Technology	48	3					
		09E0103	Modern engineering Design Method	48	3					
		09E0104	The Foundation of Modern Sensor Technology and Application	48	3					
		09E0105	Application of Power Electronics	48	3					
10		66M0002	Dialectics of Nature	18	1			/		
		99M0000	Comprehensive Quality	16	1					
		00E0002	Information Retrieval	16	1					
		00E0003	Intellectual Property	16	1					
		00E0005	Introduction to engineering ethics	16	1			/		
		09E0118	Engineering practice lecture topic	16	1		/			
		09E0106	Production Planning and Control	32	2			/		4
		09E0107	CAD Modern CAD Method And Technology	32	2			/		
09E0108		Forming and Processing of Metallic Materials	32	2			/			
10				48	1					
				240	5					
				144	2					
				48	1					
				48	1					

## 本学科推荐阅读的重要书目、专著和学术期刊

1	.	.	2013
2	.	.	2006
3	.	.	2013
4	.	3	2011
5	.	.	2004
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12	.	.	2010
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15	.	.	2004
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40 . ASME Journal of Mechanical Engineering

41 . Structural and Multidisciplinary Optimization

42 Journal of Vibration and Acoustics

43 IEEE Transactions on Control Systems Technology

44 Material Science and Engineering

45 International Journal for Numerical Method in Engineering

46	Materials and Design
47	Surface & Coating Technology
48	Journal of Materials Processing Technology
49	Journal of Materials Science
50	Science and Technology of Welding and Joining

# 材料工程领域(085204)

(Materials Engineering)

## 一、领域范围

## 二、培养目标

## 三、培养方式

1.

2.

3.

## 四、学制和学习年限

2

4

1

## 五、学分要求和课程设置

30

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## 六、实践环节

1

1.

2.

3.

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## 七、学位论文

20	66M0001	Socialism with Chinese Characteristics Theory and Practice	36	2				/		5
	00E0001	Applied English	72	3				/		
	88E0003	Applied Statistics	48	3				/		6
	77E0006	Modern Design Methods and its Application for Engineering Structures	48	3				/		
	10E0101	Introduction to Materials Science	48	3				/		
	10E0102	Metal Materials and Heat Process Engineering	48	3			+	/		9
	10E0103	Civil Engineering Materials	48	3			+	/		
	10E0104	New Composite Materials	48	3			+	/		
	10E0105	Application of Computer in Materials Engineering	48	3			+	/		
	10	66M0002	Dialectics of Nature	18	1				/	
99M0000		Comprehensive Quality	16	1						
00E0002		information retrieval	16	1						
00E0003		intellectual property	16	1						
00E0005		Introduction to engineering ethics	16	1				/		
10E0106		Engineering practice lecture topic	16	1			/			
10E0107		Laws and Management of Construction Engineering	32	2				/		4
10E0108		Materials Engineering Management and Practice	32	2			+	/		
10E0109		Analyzing Methods of Materials	32	2			+	/		

## 本学科推荐阅读的重要书目、专著和学术期刊

- 1 . M . 2008.
- 2 . M . 2010.
- 3 . M . 2010.
- 4 . M . 2006.
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- 7 . M . 1997.
- 8 Suresh S. Fatigue of Materials M . Cambridge University Press 2nd Revised edition 1998.
- 9 Zaki Ahmad Digby D. Macdonald. Principles of Corrosion Engineering and Corrosion Control M Butterworth  
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- 10 Progress in Materials Science J
- 11 Progress in Polymer Science J
- 12 Advanced Materials J
- 13 MRS Bulletin J
- 14 Acta Materialia J
- 15 Scripta Materialia J
- 16 Composites Science and Technology J
- 17 Corrosion Science J
- 18 Journal of the American Ceramic Society J
- 19 Materials Letters J
- 20 Surface Science J
- 21 Journal of the European Ceramic Society J
- 22 Applied Surface Science J
- 23 Cement and Concrete Research J
- 24 Journal of Alloys and Compounds J
- 25 Composite Structures J
- 26 Cement & Concrete Composites J
- 27 Surface and Interface Analysis J
- 28 Journal of Materials Science J
- 29 Polymer Composites J
- 30 J
- 31 J
- 32 J
- 33 J
- 34 J
- 35 J
- 36 J
- 37 J
- 38 J



# 动力工程领域(085206)

(Power Engineering)

## 一、领域范围

## 二、培养目标

## 三、培养方式

1.

2.

3.

## 四、学制和学习年限

2

4

1

## 五、学分要求和课程设置

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## 六、实践环节

1

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## 七、学位论文

20		66M0001	Socialism with Chinese Characteristics Theory and Practice	36	2			/		5
		00E0001	Applied English	72	3			/		
		88E0002	Matrix Theory	48	3					6
		88E0004	Partial Differential Equations in Mathematics and Physics	48	3					
		88E0004	Optimization Methods	48	3					
		77M0003	Theory of Elasticity	48	3		/			
		06E0201	Fluid Dynamics and Cascade Theory	32	3		/	/		6 3
		06E0202	Modern Control Theory	32	3		/	/		
		06E0203	Introduction to Turbulence	32	3		/	/		
		06E0204	Thermal engineering science	32	3		/	/		
		06E0205	The Simulation and Control of Hydraulic Power Unit	32	3		/	/		3 6
		06E0206	CFD The Fluid Machinery CFD and Optimization Design	32	3		/	/		
		06E0207	Modern Mechanical Design	32	3		/	/		
	10		66M0002	Dialectics of Nature	18	1			/	
		99M0000	Comprehensive Quality	16	1					
		00E0002	Information Retrieval	16	1					
		00E0003	Intellectual Property	16	1					
		00E0005	Introduction to engineering ethics	16	1			/		
		06E0218		16	1		/			
		06E0208	Transiting Process of Hydraulic Machiner	32	2		/	/		4
		06E0209	The design of embedded system	32	2		/	/		
		06E0210	Wind Farm Planning and Design Optimization	32	2		/	/		
		06E0211	Structure and safety check of hydraulic machinery	32	2		/	/		

		06E0212	Test & Diagnosis of Generation Unit	32	2		/	/		
		06E0213	Intelligent Control	32	2		/	/		
10				48	1					
				240	5					
				144	2					
				48	1					
				48	1					

## 本学科推荐阅读的重要书目、专著和学术期刊

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- 18 Proceedings of the ASME International Mechanical Engineering Congress & Exposition C .
- 19 C .
- 20 Journal of Fluids Engineering ISSN 0098 – 2202
- 21 Journal of Hydraulic Research ISSN 0022 – 1686
- 22 water science and engineering ISSN 1674 – 2370
- 23 ISSN 0559 – 9350
- 24 ISSN 1003 – 1243
- 25 ISSN 0253 – 231X
- 26 ISSN 1000 – 1298
- 27 Wind Energy ISSN 1095 – 4244
- 28 Renewable Energy ISSN 0960 – 1481

# 电气工程领域 (085207)

(Electrical Engineering)

## 一、领域范围

## 二、培养目标

## 三、培养方式

1.

2.

3.

## 四、学制和学习年限

2

4

1

## 五、学分要求和课程设置

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## 六、实践环节

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1.

2.

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## 七、学位论文

20		66M0001	Theory and Practice of Socialism with Chinese Characteristics	36	2			/		5
		00E0001	Applied English	72	3			/		
		88E0002	Matrix Theory	48	3					6
		88E0001	Introduction to Numerical Analysis	48	3					
		88E0004	Optimization Methods	48	3					
		06E0301	Steady State Analysis of Modern Power System	48	3		/	/		9
		06E0303	High Voltage Technology	48	3		/	/		
		06E0304	Computer Based Protection	48	3		/	/		
		06E0302	Advancing Technology of Power Engineering	48	3		/	/		
		06E0309	System Theory and Application	48	3		/	/		
	06E0306	High Power Electronics Technology	48	3		/	/			
10		66M0002	Dialectics of Nature	18	1			/		
		99M0000	Comprehensive Quality	16	1					
		00E0002	information retrieval	16	1					
		00E0003	intellectual property	16	1					
		00E0005	Introduction to engineering ethics	16	1			/		
		06E0318	Engineering practice lecture topic	16	1		/			
		06E0310	Monitoring and Diagnosis for Power Equipment	32	2		/	/		4
		06E0305	Dynamic Power System Analysis	32	2		/	/		
		06E0307	Power System Smart Control	32	2		/	/		
		06E0312	New Type of AC Motor and Energy Saving technology	32	2		/	/		
	06E0308	Smart Power Transmission & Distribution Technology	32	2		/	/			
	06E0311	Smart Distribution and Energy - effect System	32	2		/	/			



10			48	1					
			240	5					
			144	2					
			48	1					
			48	1					



# 电子与通信工程领域(085208)

( Electronic and Communication Engineering)

## 一、领域范围

## 二、培养目标

## 三、培养方式

1.

2.

3.

## 四、学制和学习年限

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## 五、学分要求和课程设置

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## 六、实践环节

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七、学位论文

20	66M0001	Theory and practice of socialism with Chinese Characteristics	36	2				/		5
	00E0001	Applied English	72	3				/		
	88E0001	Introduction to Numerical Analysis	48	3						6
	88E0002	Matrix Theory	48	3						
	88E0003	Applied Statistics	48	3						
	88E0004	Optimization Methods	48	3						
	07E0301	Modern Digital Signal Processing Bilingual	48	3						9
	07E0302	Digital Communications Bilingual	48	3						
	07E0303	Information Acquisition and Processing Techniques	48	3						
	07E0304	Remote - sensing and Remote - control Systems	48	3						
	07E0305	Future Media Internet Bilingual	48	3						
	07E0306	Adaptive Signal Processing	48	3						
	07E0307	Sensors	48	3						
	07E0314	Video Image Processing	48	3						
07E0308	Embedded Systems	48	3							
10	66M0002	Dialectics of Nature	18	1				/		
	99M0000	Comprehensive Quality	16	1						
	00E0002	information retrieval	16	1						
	00E0003	intellectual property	16	1						
	00E0005	Introduction to engineering ethics	16	1				/		
	07E0318	Engineering practice lecture topic	16	1			/			

10	07E0309	Information Theory and Coding Bi-lingual	32	2					4
	07E0310	Detection and Estimation Theory	32	2					
	07E0311	Methods of Modern Electronic Circuit Design	32	2					
	07E0312	DSP DSP Techniques	32	2		/	/		
	07E0313	Multimedia Communication Techniques	32	2					
	07E0315	Simulation and Analysis of Digital Communication System	32	2					
	08E0301	Sensor Networks Techniques	32	2		/	/		
10			48	1					
			240	5					
			144	2					
			48	1					
			48	1					

# 本学科推荐阅读的重要书目、专著和学术期刊

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- 12 A. V.
- 13 T. S. Rappaport.
- 14 John G. Proakis.
- 15 Steven M. Kay
- 16 Thomas M. Cover Joy A. Thomas
- 17 Sergios Theodoridis Konstantions Koutroumbas
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- 32 IEEE Transactions on Wireless Communication.
- 33 IEEE Transactions on Pattern Analysis and Machine Intelligence.
- 34 IEEE Transactions on Signal Processing.
- 35 IEEE Transactions on Communications.
- 36 IEEE Transactions on Networking.
- 37 IEEE Transactions on Image Processing.

# 控制工程领域(085210)

(Control Engineering)

## 一、领域范围

## 二、培养目标

## 三、培养方式

1.

2.

3.

## 四、学制和学习年限

2

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## 五、学分要求和课程设置

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## 六、实践环节

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七、学位论文

20	66M0001	Theory and Practice of Socialism with Chinese Characteristics	36	2			/		5
	00E0001	Applied English	72	3			/		
	88E0002	Matrix Analysis	48	3					6
	88E0001	Introduction to Numerical Analysis	48	3					
	88E0004	Optimization Methods	48	3					
	06E0401	Modern Control Engineering	48	3		/	/		
	06E0402	Methods and Techniques for Non-linear Control Systems	48	3		/	/		
	06E0101	Modern Signal Processing Technology	48	3		/	/		

## 本学科推荐阅读的重要书目、专著和学术期刊

- 1 . M . 2004.
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- 16 System & Control Letters ISSN 0167 – 6911
- 17 International Journal of Control ISSN 0020 – 7179
- 18 IET Transactions on Control Theory and Applications ISSN 1751 – 8644
- 19 ISSN 0254 – 4156
- 20 ISSN 1000 – 8152
- 21 ISSN 1001 – 0920
- 22 ISSN 0258 – 8013
- 23 ISSN 1000 – 6753
- 24 ISSN 0372 – 2112

# 计算机技术领域 (085211)

## ( Computer Technology )

### 一、领域范围

### 二、培养目标

### 三、培养方式

1.

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3.

### 四、学制和学习年限

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### 五、学分要求和课程设置

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### 六、实践环节

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七、学位论文

20		66M0001	Theory and practice of socialism with Chinese Characteristics	36	2			/		5
		00E0001	Applied English	72	3			/		
		88E0001	Introduction to Numerical Analysis	48	3					6
		88E0002	Matrix Theory	48	3					
		88E0003	Applied Statistics	48	3					
		88E0004	Optimization Methods	48	3					
		07E0101	Mathematical Logic	48	3		/			9
		07E0102	Design and Analysis of Algorithms	48	3		/			
		07E0103	Distributed Computing	48	3		/	/		
		07E0104	Digital Image Processing	48	3		/	/		
		07E0105	Software Reuse	48	3		/	/		
		07E0106	Neural Networks Design	48	3		/	/		
		07E0107	Machine Learning	48	3		/	/		
		07E0108	Software Development Methods and Technology	48	3		/	/		
10		66M0002	Dialectics of Nature	18	1			/		
		99M0000	Comprehensive Quality	16	1					
		00E0002	information retrieval	16	1					
		00E0003	Intellectual Property	16	1					
		00E0005	Introduction to engineering ethics	16	1			/		
		07E0118	Engineering practice lecture topic	16	1		/			
		07E0109	Modern Data Management	32	2		/	/		4
		07E0110	Network and Information Security	32	2		/	/		
		07E0111	Computer Graphics	32	2		/	/		
		07E0112	Formal Methods for Software	32	2		/	/		
		07E0113	Software Testing	32	2		/	/		
		08E0301	Sensor Networks Technology	32	2		/	/		
		07E0114	Multimedia Technology	32	2		/	/		



# 本学科推荐阅读的重要书目、专著和学术期刊

- 1 Thomas H. Cormen Charles E. Leiserson Ronald L. Rivest Clifford Stein  
3 ISBN 9787111407010
- 2 9787111326311 2 ISBN
- 3 9787111335818 7 ISBN
- 4 9787111075752 ISBN
- 5 9787111255444 3 ISBN
- 6 BN 9787111328780 8 IS-
- 7 9787111375296 6 ISBN
- 8 9787302252955 3 ISBN
- 9 [http //jst. ict. ac. cn 8080/jst/EN/volumn/home. shtml](http://jst.ict.ac.cn/8080/jst/EN/volumn/home.shtml)
- 10 [http //ejc. ict. ac. cn/](http://ejc.ict.ac.cn/)
- 11 [http //www. jos. org. cn/ch/index. aspx](http://www.jos.org.cn/ch/index.aspx)
- 12 [http //www. ejournal. org. cn/Jweb\\_dzxb/index. shtml](http://www.ejournal.org.cn/Jweb_dzxb/index.shtml)
- 13 [http //research. microsoft. com/en - us/labs/](http://research.microsoft.com/en-us/labs/)
- 14 HP [http //www. hpl. hp. com/techreports/](http://www.hpl.hp.com/techreports/)
- 15 [http //research. google. com/](http://research.google.com/)
- 16 IBM [http //www. research. ibm. com/](http://www.research.ibm.com/)
- 17 [http //www. cisco. com/web/about/ac50/ac207/crc\\_new/index. html](http://www.cisco.com/web/about/ac50/ac207/crc_new/index.html)
- 18 ACM T8



# 软件工程领域(085212)

(Software Engineering)

## 一、领域范围

## 二、培养目标

## 三、培养方式

1.

2.

3.

## 四、学制和学习年限

2

4

1

## 五、学分要求和课程设置

30

20

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## 六、实践环节

1

1.

2.

3.

4.

5.

## 七、学位论文

20		66M0001	Theory and practice of socialism with Chinese Characteristics	36	2			/		5	
		00E0001	Applied English	72	3			/			
		88E0001	Introduction to Numerical Analysis	48	3					6	
		88E0002	Matrix Theory	48	3						
		88E0003	Applied Statistics	48	3						
		88E0004	Optimization Methods	48	3						
		07E0201	Advanced Software Engineering	48	3		/	/		9	
		07E0202	Software Process improvement	48	3		/	/			
		07E0105	Software Reuse	48	3		/	/			
		07E0103	Distributed Computing	48	3		/	/			
		07E0108	Software Development Methods and Technology	48	3		/	/			
	10		66M0002	Dialectics of Nature	18	1			/		
			99M0000	Comprehensive Quality	16	1					
			00E0002	information retrieval	16	1					
			00E0003	intellectual property	16	1					
		00E0005	Introduction to engineering ethics	16	1			/			
		07E0218	Engineering practice lecture topic	16	1		/				
		07E0203	Formal Linguistics	32	2		/	/		4	
		07E0112	Formal Methods for Software	32	2		/	/			
		07E0113	Software Testing	32	2		/	/			
		07E0114	Multimedia Technology	32	2		/	/			
	07E0110	Network and Information Security	32	2		/	/				
10				48	1						
				240	5						
				144	2						
				48	1						
				48	1						

## 本学科推荐阅读的重要书目、专著和学术期刊

- |    |  |                    |  |
|----|--|--------------------|--|
| 1  |  | 7                  | ISBN   |
|    | 9787111335818  |                    |  |
| 2  | Patton R.  | 2                  | ISBN   |
|    | 9787111185260  |                    |  |
| 3  |  |                    | ISBN   |
|    | 9787111075752  |                    |  |
| 4  | Martin Fowler  | ISBN 9787115221704 |  |
| 5  |  | 1                  | ISBN   |
|    | 9787115332158  |                    |  |
| 6  |  | 5                  | ISBN   |
|    | 9787111309642  |                    |  |
| 7  | ACM Transactions on Software Engineering Methodology | ACM                | <a href="http://www.acm.org/pubs/tosem/">http //www. acm. org/pubs/tosem/</a>  |
| 8  | IEEE Transactions on Software Engineering            | IEEE               | <a href="http://www.computer.org/portal/web/tse/home">http //www. computer. org/portal/web/tse/home</a>                                    |
| 9  | IEEE Transactions on Service Computing               | IEEE               | <a href="http://www.computer.org/portal/web/tsc">http //www. computer. org/portal/web/tsc</a>  |
| 10 | Information and Software Technology                  | Elsevier           | <a href="http://www.sciencedirect.com/science/journal/09505849">http //www. sciencedirect. com/science/journal/09505849</a>                |
| 11 | Journal of Software Evolution and Process            | Wiley              | <a href="http://onlinelibrary.wiley.com/journal/101002/">http //onlinelibrary. wiley. com/journal/10 1002/</a> ISSN 2047 – 7481            |
| 12 | Requirements Engineering                             | Springer           | <a href="http://www.springer.com/computer/swe/journal/766">http //www. springer. com/computer/swe/journal/766</a>                          |
| 13 | Software and System Modeling                         | Springer           | <a href="http://www.sosym.org/">http //www. sosym. org/</a>  |
| 14 | Software Practice and Experience                     | Wiley              | <a href="http://www3.interscience.wiley.com/cgi-bin/jhome/1752">http //www3 interscience. wiley. com/cgi – bin/jhome/1752</a>              |
| 15 | Software Testing Verification and Reliability        | Wiley              | <a href="http://as.wiley.com/WileyCDA/WileyTitle/productCd-STVR.html">http //as. wiley. com/WileyCDA/WileyTitle/productCd – STVR. html</a> |
| 16 |  |                    | <a href="http://ejc.ict.ac.cn/">http //ejc. ict. ac. cn/</a>   |
| 17 |  |                    | <a href="http://www.jos.org.cn/ch/index.aspx">http //www. jos. org. cn/ch/index. aspx</a>  |
| 18 |  |                    | <a href="http://www.ejournal.org.cn/Jweb_dzxb/index.shtml">http //www. ejournal. org. cn/Jweb_dzxb/index..shtml</a>                        |
| 19 |  |                    | <a href="http://research.microsoft.com/en-us/labs/">http //research. microsoft. com/en – us/labs/</a>                                      |
| 20 | HP   |                    | <a href="http://www.hpl.hp.com/techreports/">http //www. hpl. hp. com/techreports/</a>   |
| 21 |  |                    | <a href="http://research.google.com/">http //research. google. com/</a>  |
| 22 | IBM  |                    | <a href="http://www.research.ibm.com/">http //www. research. ibm. com/</a>   |

# 建筑与土木工程领域(085213)

( Architectural and Civil Engineering)

## 一、领域范围

## 二、培养目标

1.

2.

3.

## 三、培养方式

1.

2.

3.

## 四、学制和学习年限

五、学分要求和课程设置

30

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六、实践环节

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20		66M0001	Theory and Practice of Socialism with Chinese Characteristics	36	2			/		5
		00E0001	Applied English	72	3			/		
		88E0002	Matrix Theory	48	3					6
		88E0003	Applied Statistics	48	3					
		88E0004	Methods of Optimization	48	3					
		77E0003	Elastic Mechanics	48	3					
		77E0001	Structural Dynamics	48	3					
		77E0002	ANSYS Finite Element Methods	48	3					
		04E0101	Geotechnical Engineering Principles and Applications	48	3					9
		04E0102	Theory Methods and Applications of Rock Mechanics	48	3					
		04E0103	Applications and Technology of Geotechnical Testing	48	3					
		04E0104	Disaster Prevention and Reduction of Civil Engineering	48	3					
		04E0105	Advanced Reinforced Concrete Theory and application	48	3					
		04E0106	concept and system of engineering structure and applicaiton	48	3					
		04E0107	Bridge Design Theory and Application	48	3					
		04E0108	Tunnel Engineering	48	3					
		04E0109	theory of Steel – concrete Composite Structures and application	48	3					

10		66M0002	Introduction to dialectics of nature	18	1			/		
		99M0000	Comprehensive Quality	16	1					
		00E0002	Information Retrieval	16	1					
		00E0003	Intellectual Property	16	1					
		00E0005	Introduction to engineering ethics	16	1			/		
		04E0115	Engineering practice lecture topic	16	1		/			
		04E0110	Principle and Application of Seismology	32	2					4
		04E0111	Design and Theory of Tall Building	32	2					
		04E0112	Theory and Application of Ground Improvement	32	2					
		04E0113	Bridge Seismic Design	32	2					
04E0114		Practical Technology of Urban Underground Engineering	32	2						
10	00E0004			48	1					
				240	5					
				144	2					
				48	1					
				48	1					



## 本学科推荐阅读的重要书目、专著和学术期刊

- 1 . M . 2007.
- 2 . M . 2002.
- 3 . M . 1995.
- 4 . M . 2008.
- 5 . M . 1983.
- 6 M J N . M . 1997.
- 7 . M . 2006.
- 8 . M . 1992.
- 9 . M . 2002.
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- 16 . Z . 1998.
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- 20 . M . 2004.
- 21 . M . 2000.
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- 24 . M . 1994.
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- 26 . M . 2011.
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- 28 . M . 2005.
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# 水利工程领域(085214)

(Hydraulic Engineering)

## 一、领域范围

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## 二、培养目标和要求

## 三、培养方式

1.

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3.

## 四、学制和学习年限

2

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七、学位论文

/

20	66M0001	Theory and Practice of Socialism with Chinese Characteristics	36	2				/		5
	00E0001	Applied English	72	3				/		
	88E0001	Introduction to Numerical Analysis	48	3						6
	88E0002	Matrix Theory	48	3						
	88E0003	Applied Statistics	48	3						
	88E0004	Optimization Methods	48	3						
	77E0003	Elastic Mechanics	48	3						
	77E0004	Applied Fluid Mechanics	48	3						
	02E0101	Structure Analysis Softwares and Their Applications	48	3						
	02E0102	Fluid Analysis Softwares and Their Applications	48	3						
	03E0104	CAD CAD and Numerical Analysis of Harbour Engineering	48	3						
	01E0101	I Stochastic Analysis in Hydrology	48	3				/		9
	01E0102	I Theory of Rainfall – Runoff Process and Modern Flood Forecasting	48	3				/		
	01E0103	I Theory of Water Resources System Engineering	48	3				/		
	02E0103	II Hydraulic Structure Design	48	3				/		
	02E0104	II Hydro – design Theory and Calculation Method for Hydraulic Project	48	3				/		
	02E0105	II Construction and Management for Hydraulic Project	48	3				/		
	02E0106	II Safety Monitoring Theory and Method for Hydraulic Project	48	3				/		
	02E0107	II Seepage Control for Hydraulic Project	48	3				/		
	03E0101	III Marine Environmental Dynamics Theory and Application	48	3				/		

		03E0102	III New Technologies and The Applications in Port and Waterway Engineering	48	3			/		
		03E0103	III Development and Management of Coastal Resources	48	3			/		
10		66M0002	Dialectics of Nature	18	1			/		
		99M0000	Comprehensive Quality	16	1					
		00E0002	Information Retrieval	16	1					
		00E0003	Intellectual Property	16	1					
		00E0005	Introduction to engineering ethics	16	1			/		
		02E0112	Engineering practice lecture topic	16	1		/			
		01E0104	Modern Information Technique of Hydrology	32	2			/		4
		01E0105	Planning and Management of Water Environment	32	2			/		
		01E0106	Water Engineering Planning and Management	32	2			/		
		02E0108	Project Management	32	2			/		
		02E0109	Scientific Paper and Report Writing	32	2			/		
	02E0110	Construction Laws for Hydraulic Project	32	2			/			
	02E0111	Multi Oobjective Decision	32	2			/			
10				48	1					
				240	5					
				144	2					
				48	1					
				48	1					

## 本学科推荐阅读的重要书目、专著和学术期刊

- 1 . M . 2008.
- 2 . M . 2006.
- 3 . M . 2004.
- 4 . M . 2011.
- 5 . M . 2013.
- 6 M . 2013.
- 7 M . 2000.
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# 测绘工程领域 (085215)

( Surveying and Mapping Engineering )

## 一、领域范围

"3S"

## 二、培养目标



### 三、培养方式

1.

2.

3.

### 四、学制和学习时间分配

2

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### 五、学分要求和课程设置

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### 六、实践环节

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2.

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### 七、学位论文



20	66M0001	Theory and practice of socialism with Chinese characteristics	36	2				/	5
		00E0001	Applied English	72	3			/	
	88E0001	Introduction to Numerical Analysis	48	3					6
		88E0002	Matrix Analysis	48	3				
		88E0003	Applied statistics	48	3				
	11E0101	Modern Surveying Data Adjustment and Application	48	3		/	/		
	11E0102	GNSS precision positioning and its applications	48	3		/	/		9
		11E0103	Civil Engineering Testing Theory and Monitoring Technology	48	3		/	/	
		11E0104	Application and Technology of Precise Engineering	48	3		/	/	
		11E0105	Digital Photogrammetry and Application Development	48	3		/	/	
11E0106		Geographical Application of Remote Sensing and Mapping	48	3		/	/		
11E0107		Geographic information systems engineering practice	48	3		/	/		
11E0108		The geographic information system database	48	3		/	/		
10	66M0002	Dialectics of Nature	18	1			/		
	99M0000	Comprehensive Quality	16	1					
	00E0002	information retrieval	16	1					
	00E0003	intellectual property	16	1					
	00E0005	Introduction to engineering ethics	16	1			/		
	11E0118	Engineering practice lecture topic	16	1		/			
	11E0117	Surveying and Mapping Management and Law	32	2		/			4
		11E0116	Surveying and Mapping Case Analysis	32	2		/		
		11E0115	Professional Quality Planning and Development of Surveying and Mapping	32	2		/		

10			48	1					
			240	5					
			144	2					
			48	1					
			48	1					

## 本领域推荐阅读的重要书目、专著和学术期刊

- 1 . . . . . 2006.
- 2 . . . . . 2007.
- 3 . GPS . . . . . 2002.
- 4 . . . . . 1998.
- 5 . . . . . 2012.
- 6 . InSAR . . . . . 2012.
- 7 . . . . . 2009.
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- 11 . . . . . 2006.
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- 20
- 21
- 22
- 23 Journal of Geodesy
- 24 Survey Review
- 25 Photogrammetric Engineering & Remote Sensing
- 26 GPS World
- 27 Remote Sensing of Environment
- 28 ISPRS Journal of Photogrammetry and Remote Sensing
- 29 Journal of Applied Remote Sensing

# 地质工程领域(085217)

(Geology Engineering)

## 一、领域范围

### 三、培养方式

1.

2.

3.

### 四、学制和学习年限

2

4

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### 五、学分要求和课程设置

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### 六、实践环节

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### 七、学位论文





20		66M0001	Theory and Practice of Socialism with Chinese Characteristics	36	2			/		5
		00E0001	Applied English	72	3			/		
		88E0001	Introduction to Numerical Analysis	48	3					6
		11E0201	Basic Theory and Method of Advanced Rock Mechanics	48	3					
		11E0202	Dynamics of Fluids in Porous Media	48	3					
		11E0203	Advanced Physical chemistry Exploration Technology	48	3					9
		11E0204	Modern Technology and Method for Hydrogeology and Engineering Geology	48	3					
		11E0205	Reinforcement for Geological Body and Testing for Foundation Engineering Quality	48	3					
		11E0206	Numerical Method for Hydrogeology and Engineering Geology	48	3					
	10		66M0002	Introduction to dialectics of nature	18	1			/	
99M0000			Comprehensive Quality	16	1					
00E0002			Information Retrieval	16	1					
00E0003			Intellectual Property	16	1					
		00E0005	Introduction to engineering ethics	16	1			/		
		11E0218	Engineering practice lecture topic	16	1		/			
		11E0207	Groundwater Contamination and pollution prevention	32	2					4
		11E0208	Exploration and Assessment for Geological Disaster	32	2					
		11E0209	Mines hydrogeology	32	2					
10				48	1					
				240	5					
				144	2					
				48	1					
				48	1					

## 本学科推荐阅读的重要书目、专著和学术期刊

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- 2 . . . . . 1993.
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# 交通运输工程领域( 085222)

( Transportation Engineering)

## 一、领域范围

## 二、培养目标

1.

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3.

## 三、培养方式

1.

2.

3.

## 四、学制和学习年限

2

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## 五、学分要求和课程设置

30	20	10
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## 七、学位论文

20		66M0001	Theory and practice of socialism with Chinese Characteristics	36	2			/		5
		00E0001	Applied English	72	3			/		
		88E0001	Introduction to Numerical Analysis	48	3					6
		88E0002	Matrix Theory	48	3					
		88E0003	Applied Statistics	48	3					
		88E0004	Methods of Optimization	48	3					
		77E0001	Structural Dynamics	48	3					
		77E0002	ANSYS Finite Element Methods	48	3					
		03E0102	New Technologies and the Applications in Port and Waterway Engineering	48	3					9
		03E0104	Water Transportation Engineering Economics and Applications	32	2					
		04E0201	Traffic plan Model and Method	48	3					
		04E0202	Traffic Information and Control	48	3					
		04E0203	Transportation Engineering	48	3					
		04E0204	Design of Pavement Structures	48	3			+		
	04E0205	The Method of Subgrade Design	48	3			+			
	04E0206	Testing of Road Materials	48	3			+			
10		66M0002	Introduction to dialectics of nature	18	1			/		
		99M0000	Comprehensive Quality	16	1					
		00E0002	information retrieval	16	1					
		00E0003	intellectual property	16	1					
		00E0005	Introduction to engineering ethics	16	1			/		
		04E0215	Engineering practice lecture topic	16	1			/		

		03E0105	Numerical Analysis of Port and Waterway Engineering	32	2			/	4
		03E0106	Software Application of Hydrodynamic and Sediment in Port and Waterway Engineering	32	2			/	
		03M0107	Reading and Writing Scientific Papers	16	1			/	
		04E0207	Road Traffic Design	32	2				
		04E0208	Transportation Engineering Economics	32	2				
		04E0209	Testing of Pavement and Subgrade	32	2				
		04E0210	Testing and Maintenance of Transportation Infrastructures	32	2				
10	00E0004			48	1				
				240	5				
				144	2				
				48	1				
				48	1				

## 本学科推荐阅读的重要书目、专著和学术期刊

- 1 . M . 2012.
- 2 . M . 2013.
- 3 . M . 2003.
- 4 . M . 2012.
- 5 . M . 2005.
- 6 . M . 2012.
- 7 . M . 2012.
- 8 . M . 2012.
- 9 . M . 2007.
- 10 . M . 2008.
- 11 . M . 2003.
- 12 . M . 2010.
- 13 Nathan H. Gartner Garroll Messer Ajay K. Rathi. Monograph on Traffic



- 33 J .
- 34 J .
- 35 J .
- 36 J .
- 37 J .
- 38 J .
- 39 J .
- 40 ITE journal J .
- 41 Transportation Research Record J .
- 42 Transportation Research A – F J .

# 农业工程领域(085227)

(Agriculture Engineering)

## 一、领域范围

## 二、培养目标

## 三、培养方式

1.

2.

3.

## 四、学制和学习年限

2

4

1

## 五、学分要求和课程设置

30

20

10

10

## 六、实践环节

1

1.

2.

3.

4.

5.

## 七、学位论文

20		66M0001	Socialism with Chinese Characteristics Theory and Practice	36	2			/		5	
		00E0001	Applied English	72	3			/			
		88E0002	Matrix Theory	48	3					6	
		88E0003	Applied Statistics	48	3						
		88E0004	Optimization Methods	48	3						
		02E0201	Planning of Soil and Water Resources	48	3			/			
		02E0202	Agricultural Soil and Water Environment Engineering	48	3			/			
		02E0203	Dynamics of Soil Water	48	3			/			
			02E0204	Theory on Water – Saving Irrigation	48	3			/		
	02E0205		Technology of Saving energy for pumping Station	48	3			/			
	02E0206		Installation Agriculture – Engineering and Technology	48	3			/			
	02E0207		Modern Management of Irrigation Districts	48	3			/			
	10		66M0002	Dialectics of Nature	18	1			/		
			99M0000	Comprehensive Quality	16	1					
00E0002			information retrieval	16	1						
00E0003			intellectual property	16	1						
		00E0005	Introduction to engineering ethics	16	1			/			
		02E0208	Engineering practice lecture topic	16	1		/				
		02E0108	Project Management	32	2			/		4	
		02E0109	Scientific Paper and Report Writing	32	2			/			
		02E0110	Construction Laws for Hydraulic Project	32	2			/			
10				48	1						
			240	5							
			144	2							
			48	1							
			48	1							

## 本学科推荐阅读的重要书目、专著和学术期刊

- 1 . M . 2007.
- 2 . M . 1995.
- 3 . M . 2008.
- 4 . M . 2004.
- 5 . M . 1996
- 6 Jones H G. Plants and Microclimate A Quantitative Approach to Environmental Plant Physiology M . Cambridge University Press 1992.
- 7 Shaw C T Shaw C T. Using Computational Fluid Dynamics M . Hemel Hempstead England Prentice Hall 1992.
- 8
- 9
- 10
- 11
- 12
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- 14
- 15
- 16
- 17
- 18
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- 20
- 21
- 22
- 23
- 24 Irrigation Science.
- 25 Journal of Irrigation and Drainage Engineering.
- 26 Water Resources Management.
- 27 Agricultural Water Management.
- 28 Soil Science Society of America Journal
- 29 Plant and Soil
- 30 Journal of Soil and Water Conservation

# 环境工程领域(085229)

( Environmental Engineering)

## 一、领域范围

## 二、培养目标

1.

2.

3.

## 三、培养方式

1.

2.

3.

## 四、学制和学习年限

2

4

1

## 五、学分要求和课程设置

30

20

10

## 六、实践环节

1

1.

2.

3.

4.

5.

## 七、学位论文





## 本学科推荐阅读的重要书目、专著和学术期刊

- 1 M . 2010.
- 2 M . 2011.
- 3 - M . 2004.
- 4 M . 2003.
- 5 M . 2010.
- 6 M . 2005.
- 7 M . 2005.
- 8 M . 2008.
- 9 M . 1998.
- 10 M . 2005
- 11 M . 1998.
- 12 M . 1998.
- 13 M . 2001.
- 14 M . 2000.
- 15 - M . 2003.
- 16 M . 2008.
- 17 M . 2004.
- 18 - M . 2002.
- 19 M . 2001.
- 20 M . 2003.
- 21 Degrémont. Water treatment handbook M . degremon 1992.
- 22 Leslie Grady C P Jr Daigger G T Love N G Filipe C D m. Biological wastewater treatment M . IWA 2011.
- 23 Rittmann B E. McC P L. Environmental biotechnology Principles and applications M . McGraw Hill 2001.
- 24 Metcalf & Eddy Inc. An AECOM Company Asano T Burton F Leverenz H L Tsuchihashi R Tchobanoglous G. Water reuse Issues Technologies and Applications M . McGraw Hill 2007.
- 25 Twort A C Ratnayaka D D Brandt M J. Water Supply M . Elsevier 2000.

43	Chemosphere
44	Environmental Pollution
45	Bioresource Technology
46	Water Air and Soil Pollution
47	Journal of membrane science
48	Environmental Toxicology and Chemistry
49	Journal of Environmental Engineering
50	Environmental Science and Pollution Research
51	Desalination
52	Ecological Engineering

# 工业工程领域 (085236)

## ( Industrial Engineering )

### 一、领域范围

Industrial Engineering IE

“ ” “ ” “ ” “ ” “ ”

### 二、培养目标

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### 三、培养方式

1.

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### 四、学制和学习年限

2

4

1

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### 五、学分要求和课程设置

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### 六、实践环节

1

1



20	66M0001	Socialism with Chinese Characteristics Theory and Practice	36	2				/		5
	00E0001	Applied English	72	3				/		
	13E8801	Senior Management	48	3				i		6
	13E8802	Senior Operations Research	48	3						
	13E8803	System Engineering	48	3						
	13E3604	Modern Industrial Engineering	48	3						9
	13E3605	Quality Management	48	3						
	13E3606	Service Management	48	3						
	13E3607	Work Study And Human Factors Engineering	48	3						
	13E4010	Introduction to Project Management	48	3						
	13E4112	Analysis of Data and System Simulation	48	3						
	66M0002	Dialectics of Nature	18	1				/		
	99M0000		16	1						
	00E0002	information retrieval	16	1						
00E0003	intellectual property	16	1							

## 本学科推荐阅读的重要书目、专著和学术期刊

- 1 Averill M. Simulation Modeling and Analysis McGraw Hill 2000
- 2 Avraham Shtub. Project Management processes methodologies and economics M . 2005
- 3 Jack Campanell. M . 2004
- 4 Paul Kenneth .21 M . 2004
- 5 Stephen D. Robbi . Fundamentals of management M . 2010
- 6 Eugene L. Statistical Quality Control M . 2010
- 7 Kevin N. Otto Kristiml. wood . M . 2011
- 8 Tim Koller Marc Goedhart David Wessels. M . 2007
- 9 Thomas Pyzdek. M . 2011
- 10 . M . 2006
- 11 . M . 2009
- 12 o . M . 2004
- 13 o . Harold Koontz M . 2009
- 14 . M . 2004
- 15 o . M . 2005
- 16 Taylor F. W. . M . 2007
- 17 Michiel R. Leenders . M . 2009
- 18 Derming W. Edwards . M . 2003
- 19 . M . 2006
- 20 . M . 2011
- 21 . M . 2010
- 22 . M . 2004
- 23 . M . 2009
- 24 . M . 2004
- 25 . M . 2010
- 26 . M . 2005
- 27 . M . 2003
- 28 . M . 2005
- 29 . M . 2012
- 30 . M . 2012
- 31 . M . 2011
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# 工业设计工程领域(085237)

(Industrial Design Engineering)

## 一、领域范围

## 二、培养目标

## 三、培养方式

1.

2.

3.



4.

#### 四、学制和学习年限

2

4

1

#### 五、学分要求和课程设置

30

20

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#### 六、实践环节

12

#### 七、学位论文

20	66M0001	Socialism with Chinese Characteristics Theory and Practice	36	2			/			5
	00E0001	Applied English	72	3			/			
	77E0001	Structural Dynamics	48	3						6
	09E0502	Design Aesthetics	48	3						
	88E0004	The Optimization Method	48	3						
	09E0504	Design Cognition	48	3						9
	09E0503	Product Design Engineering	48	3						
	09E0506	Man – machine System Design	48	3						
	09E0507	Product Digital Design and Processing	48	3						
	10	66M0002	Introduction to dialectics of nature	18	1			/		
99M0000			16	1						
00E0002		information retrieval	16	1						
00E0003		intellectual property	16	1						
00E0005			16	1			/			
09E0018			16	1		/				
09E0505		Design Research Methods	32	2			/			2
09E0508		Kansei Engineering	32	2			/			
09E0509		Product Symbols	32	2			/			
10			48	1						
			240	5						
			144	2						
			48	1						
			48	1						

## 本学科推荐阅读的重要书目、专著和学术期刊

- 1 . . . . . / 2003
- 2 . . . . . 2003
- 3 . . . . . - W. 2012
- 4 Kevin N. Otto Kristin L. Wood. Product Design M . Beijing Electronic Industry Press 2007.
- 5 . . . . . 2003
- 6 . . . . . 2005
- 7 . . . . . 2009
- 8 . . . . . 1989.
- 9 Nielsen J. Mack R. L. Usability Inspection Methods. New York Wiley 1994.
- 10 Woods D. D. Roth E. M. Cognitive systems engineering. In Helander M. Ed. Handbook of Human - Computer Interaction. Amsterdam Elsevier Science P e

44		2009
45		2009
46	Design studies	2005 – 2013
47	Human factors	2005 – 2013
48	Ergonomics	2005 – 2013
49	International Journal of industrial Ergonomics	2005 – 2013
50	Ergonomics in Design	2005 – 2013
51	Human Factors and Ergonomics in Manufacturing	2005 – 2013
52	Industrial Ergonomics	2005 – 2013
53	Human – computer interaction	2005 – 2013
54	International Journal of Human – Computer Interaction	2005 – 2013

# 项目管理领域(085239)

(Project Management)

## 一、领域范围

## 二、培养目标

## 三、培养方式

1.

2.

3.

## 四、学制和学习年限

五、学分要求和课程设置

30

20

10

10

六、实践环节

1

1.

2.

3.

4.

5.

七、学位论文

20		66M0001	Socialism with Chinese Characteristics Theory and Practice	36	2			/		5
		00E0001	Applied English	72	3			/		
		13E8801	Senior Management	48	3					6
		13E8802	Senior Operations Research	48	3					
		13E8803	System Engineering	48	3					
		13E4010	Introduction to Project Management	48	3					9
		13E4012	Project Planning	48	3					
		13E4013	Project Procurement and Contract Management	48	3					
		13E4015	Project Planning and Control	48	3					
		13E4016	Human Resources Management	48	3					
13E4017		Project Decision and Evaluation	48	3						
10		66M0002	Dialectics of Nature	18	1			/		
		99M0000	Comprehensive Quality	16	1					
		00E0002	information retrieval	16	1					
		00E0003	intellectual property	16	1					
		00E0005	Introduction to engineering ethics	16	1			/		
		13E4020	Engineering practice lecture topic	16	1		/			
		13E4011	Engineering Economics	32	2					4
		13E8804	Management Information System	32	2					
		13E8805	Business Law	32	2					
10				48	1					
				240	5					
				144	2					
				48	1					
				48	1					

## 本学科推荐阅读的重要书目、专著和学术期刊

- 1 John M Nichoals . M . 2003
- 2 Kim Heldman . MP M . 2003
- 3 William A ward . M . 2001
- 4 Tom Kendrick . Identifying and Managing Project Rish AMAcom 2003
- 5 David L. Cleland . Project management Mc. Graw Hill 2009
- 6 Roger Miller . The strategic management of large Engineering projects Mill and lessad 2008
- 7 France. j. Davidson . The New project management Jossay – rass 2006
- 8 Guen lowery . Managing projects with Microsoft project 2000 JOLTNS WILEY&SOIVS INC 2001
- 9 . M . 2002
- 10 . M . 2010
- 11 . M . 2008
- 12 . M . 2010
- 13 . M . 2005
- 14 . M . 2002
- 15 . PMP M . 2003
- 16 . M . 2003
- 17 . James P. Lewis . 2012
- 18 . M . 2003
- 19 . PMP M . 2003
- 20 . M . 2000
- 21 . M . 2006
- 22 . Jack Phillips . -- M . 2001
- 23 . M . 2009
- 24 . M . 2007
- 25 . Gary Dessler . M . 2012
- 26 . M . 2013
- 27 . IT M . 2012
- 28 . M . 2008
- 29 Automation in Constr
- 30
- 31
- 32
- 33
- 34
- 35
- 36
- 37 Informs – Management Science
- 38 Informs – Operations Research
- 39 Elsevier – Journal of Operations Management
- 40 Elsevier – European Journal of Operational Research
- 41 Elsevier – International Journal of Project Management
- 42 Wiley – Project Management Journal



# 物流工程领域(085240)

( Logistics Engineering )

## 一、领域范围

Logistics Engineering

“ ”

## 二、培养目标

## 三、培养方式

1.

2.

3.

## 四、学制和学习年限

五、学分要求和课程设置

30

20

10

10

六、实践环节

1

1.

2.

3.

4.

5.

七、学位论文

20	66M0001	Socialism with Chinese Characteristics Theory and Practice	36	2				/		5
		00E0001	Applied English	72	3			/		
	13E8801	Senior Management	48	3						6
		13E8802	Senior Operations Research	48	3					
		13E8803	System Engineering	48	3					
	13E4108	Logistics and Supply Chain Management	48	3						9
		13E4109	Logistics System Planning and Design	48	3					
		13E4111	Procurement and Contract Management	48	3					
		13E4113	Warehousing and Distribution Management	48	3					
		13E4010	Introduction to Project Management	48	3					
		13E4112	Analysis of Data and System Simulation	48	3					
	10	66M0002	Dialectics of Nature	18	1				/	
99M0000		Comprehensive Quality	16	1						
00E0002		information retrieval	16	1						
00E0003		intellectual property	16	1						
00E0005		Introduction to engineering ethics	16	1				/		
13E4115		Engineering practice lecture topic	16	1			/			
13E4011		Engineering Economics	32	2					4	
13E8804		Management Information System	32	2						
13E8805		Business Law	32	2						
10			48	1						
			240	5						
			144	2						
			48	1						
			48	1						

# 本学科推荐阅读的重要书目、专著和学术期刊

- 1 . M . 2011.
- 2 . 2 M . 2011.
- 3 . M . 2010.
- 4 . M . 2011.
- 5 . M . 2010.
- 6 . M . 2010.
- 7 o

# 工商管理 (125100)

( Master of Business Administration )

## 一、领域范围

“ ”

## 二、培养目标

“ ” “ ” “ ”  
“ ” “ ” “ ” MBA

## 三、培养方式

MBA

1.

MBA

2.

MBA

3.

4.

MBA

#### 四、学制和学习年限

2

4

1

#### 五、学分要求和课程设置

MBA

70

40

18

12

6

22

12

MBA

MBA

1.

2.

MBA

MBA

3.

#### 六、实践环节

MBA

MBA

## 七、学位论文

MBA

Category	Code	Course Name	Credits	Hours					
6 Foundation Courses	66E4001	Theory & Practice of Chinese Socialism	2	36	1 – 2			6	
	13E0002	Business English	2	36	1 – 2				
	13E0003	Corporation Social Responsibility and Business Ethics	2	36	1 – 2				
22 Core Courses	13E0004	Management	3	54	1 – 3			22	
	13E0005	Economics	3	54	1 – 3				
	13E0006	Accounting	2	36	1 – 3				
	13E0007	Operation Management	2	36	1 – 3				
	13E0008	Marketing	2	36	1 – 3				
	13E0009	Human Resources Management	2	36	1 – 3				
	13E0010	Corporate Finance	2	36	1 – 3				
	13E0011	Organizational Behavior	2	36	1 – 3				
	13E0012	Management Communication	2	36	1 – 3				
	13E0013	Strategic Management	2	36	1 – 3				
Specialities 12	Strategy and decision making	13E0014	Data Modeling & Decision Making	2	36	3 – 4		12	
		13E0015	Business Law	2	36	3 – 4			
		13E0016	Competitive strategy & competitive Intelligence	2	36	3 – 4			
	Innovation and Entrepreneurship	13E0017	Venture Management	2	36	3 – 4			
		13E0018	Technological Innovation & Knowledge Properties	2	36	3 – 4			
		13E0019	Venture Capital investment	2	36	3 – 4			
	Operation and information system	13E0020	Management of Information System	2	36	3 – 4			
		13E0021	Electronic Commerce	2	36	3 – 4			
		13E0022	Service Management	2	36	3 – 4			
	Organization and human resource	13E0023	Performance and Salary Management	2	36	3 – 4			
		13E0024	Organization Development and Innovation	2	36	3 – 4			
		13E0025	Training and Exploiting on Human Resource	2	36	3 – 4			



Category	Code		Course Name	Credits	Hours				
Specialities 12	Marketing	13E0026	Marketing Behavior	2	36	3 – 4			12
		13E0027	International Business	2	36	3 – 4			
		13E0028	Brand Management	2	36	3 – 4			
	Financial Analysis and Management	13E0029	Internal Control and Risk Management in Corporation	2	36	3 – 4			
		13E0030	Corporation Tax Revenue Management	2	36	3 – 4			
		13E0031	Corporate Finance Analysis	2	36	3 – 4			
	Financial optional courses	13E0032	Commercial Bank Management	2	36	3 – 4			
		13E0033	Investment Practice	2	36	3 – 4			
		13E0034	Topics on Finance	2	36	3 – 4			
	Engineering field optional courses	13E0035	project Procurement and Contract Management	2	36	3 – 4			
		13E0036	Project Management Generality	2	36	3 – 4			
		13E0037	Topic on Water Industry	2	36	3 – 4			
	Yacht Field Optional Courses	13E0038	The Yacht Club Management	2	36	3 – 4			
		13E0039	The Yacht Commercial Event Planning and Management	2	36	3 – 4			
		13E0040	Topics on Yacht Industry	2	36	3 – 4			
	Interdisciplinary optional courses		Other Optional Postgraduate Courses in Business School	2	36	3 – 4			
Business Administration Practice 18	Practice of Core Courses	13E0041	Practice of Operation Management	1	18	1 – 3			8
		13E0042	Practice of Marketing Management	1	18	1 – 3			
		13E0043	Practice of Human Resource Management	1	18	1 – 3			
		13E0044	Practice of Corporation Finance	1	18	1 – 3			
		13E0045	Practical accounting	1	18	1 – 3			
		13E0046	Practice of Organization and Communication	1	18	1 – 3			
		13E0047	Practice of Strategy Management	1	18	1 – 3			
		13E0048	Practice of Leadership Development	1	18	1 – 3			

Category	Code		Course Name	Credits	Hours				
	Compre – hensive practice	13E0049	Business Simulation	2	36	1 – 4			10
		13E0050	Management Lecture	2	36	1 – 4			
		13E0051	Business Case Analysis	2	36	1 – 4			
		13E0052	Management Consulting	2	36	1 – 4			
		13E0053	Training of Innovation and Entrepreneurship	2	36	1 – 4			
Degree Thesis 12				12	216	3 – 5			12
Total 70				70	1260				
Specialities	13E0054	Leadership	2	36	1 – 3				
	13E0055	Innovation and Entrepreneurship	2	36	1 – 3				
	13E0056	Corporation Management	2	36	1 – 3				
	13E0057	Capital Management	2	36	1 – 3				
	13E0058	Enterprises' Multinational Operation	2	36	1 – 3				
	13E0059	Risk Management	2	36	1 – 3				
	13E0060	Special Topic on The Eastern and Western Management Thought	2	36	1 – 3				
Business Administration Practice	13E0061	Investigation and Research of Enterprises	2	36	1 – 4				
	13E0062	Research on The Development of Industry Market	2	36	1 – 4				
	13E0063	Research on The Innovation of Business Model	2	36	1 – 4				



- 42 .
- 43 Journal of Financial Economics ELSEVIER SCIENCE SA
- 44 Strategic management journal John Wiley & Sons Ltd
- 44 American Economic Review American Economic Association
- 44 Journal of Business University of Chicago Press
- 45 Journal of Marketing Research American Marketing Association
- 46 Academy of Management Journal Pace University
- 47 Journal of Operations Management Elsevier

# 公共管理 (125200)

( Master of Public Administration )

## 一、专业简介

2010

MPA

2011

MPA

MPA

MPA

24

12

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10

MPA

300

50

1000

MPA

MPA

## 二、培养目标

MPA

1.

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### 三、培养对象

### 四、教学形式

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2.

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5.

6.

### 五、学习方式与年限

3

MPA

5

### 六、主要研究方向

1.

- 2.
- 3.
- 4.
- 5.

## 七、学分要求和课程设置

1. 36
2. 9 20
3. 8 8 16
4. 2 9
5. 5

## 八、实践环节

3

## 九、学位论文

MPA

3

MPA

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核心课程：

	15E0201	p			y



05					
8	15E0226		2	32	2
	15E0227		2	32	2
	15E0228		2	32	2
	15E0229		2	32	2

方向选修课程：

9	15E0230		2	32	3
	15E0231		2	32	3
	15E0232		2	32	3
	15E0233		2	32	3
	15E0234		2	32	3
	15E0235		2	32	3
	15E0236		2	32	3
	15E0237		2	32	3
	15E0238		2	32	3
	15E0239		2	32	3

# 本学科推荐阅读的重要书目、专著和学术期刊

1	.	M		2006	
2	.		M		2012
3	.		M		2012
4	.		M		2001
5	.		M		2012
6	.		M		2012
7	.			M	2012
8	.		M		2012
9	.		M		2012
10	.				M 2012.
11	. G.				M 2012.
12		M			2004.
13	.		M		2006.
14	.		M		2011.
15	.		M		2005.
16	.		M		2007.
17	.		M		2005.
18	.		M		1997.
19	.		M		2008.
20	.		M		2007.
21	.			M	2008.
22	.				M 2000.
23	.			M	2002.
24	. H.				M 2002.
25	.			M	2005.
26	V.			M	2004.
27	R. D.			M	2001.
28	. N.				M 2001.
29	. S.				M 2003.
30	.				M 2002.
31	E.				M 2000.
32	.			M	2004.
33	S.				M 1993.
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# 会计 (125300)

( Master of Professional Accounting)

## 一、领域范围

MPAcc

## 二、培养目标

## 三、培养方式

1.

2.

3.

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5.

6.

## 四、学制和学习年限

2

4

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## 五、学分要求和课程设置

30

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## 六、实践环节

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## 七、学位论文

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		13E0076	Business Law	32	2	2			
		13E0036	Project Management Generality	32	2	2			
		13E0079	Project Evaluation	32	2	2			
		13E0035	Project procurement and contract management	32	2	2			
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## 本学科推荐阅读的重要书目、专著和学术期刊

- 1 . M . 2004.
- 2 . L. . L. M . 2000.
- 3 . M . 2013.
- 4 . M . 2011.
- 5 . S. . M . 2012.
- 6 . M . 2012.
- 7 . M . 2010.
- 8 Stephen A. Ross Randolph W. Westerfield Jeffrey F. Jaffe . M . 2012.

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- 27 The Accounting Review AMER ACCOUNTING ASSOC
- 28 Journal of Accounting Research WILEY – BLACKWELL
- 29 Journal of Accounting and Economics ELSEVIER SCIENCE BV
- 30 Contemporary Accounting Research WILEY – BLACKWELL
- 31 Accounting Organizations and Society PERGAMON – ELSEVIER SCIENCE LTD
- 32 Auditing A Journal of Practice and Theory AMER ACCOUNTING ASSOC
- 33 Accounting and Business Research ROUTLEDGE JOURNALS TAYLOR & FRANCIS LTD
- 34 Management Accounting Research ELSEVIER SCIENCE BV
- 35 Journal of Finance WILEY – BLACKWELL
- 36 Journal of Financial Economics ELSEVIER SCIENCE SA
- 37 Journal of Corporate Finance LSEVIER SCIENCE BV
- 38 European Accounting Review ROUTLEDGE JOURNALS TAYLOR & FRANCIS LTD
- 39 Journal of Accounting and Public Policy ELSEVIER SCIENCE INC
- 40 Behavioral Research in Accounting AMERICAN ACCOUNTING ASSOCIATION.

# 工程管理 (125600)

## (Engineering Management)

### 一、专业范围

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### 二、培养目标

### 三、培养方式

1.

2.

3.

### 四、学制和学习年限

2

4

1

### 五、学分要求和课程设置

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实践环节的主要考核点主要为：

1.

2.

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## 七、学位论文

20		66M0001	Theory and Practice of Socialism with Chinese Characteristics	36	2			/		5	
		00E0001	Applied English	72	3			/			
		13E8801	Senior Management	48	3					6	
		13E8802	Senior Operations Research	48	3						
		13E8803	System Engineering	48	3						
		13E4010	Introduction to Project Management	32	3					9	
		13E4011	Engineering Economics	48	3						
		13E5609	Project Decision and Evaluation	48	3						
		13E5613	Project Procurement and Contract Management	48	3						
		13E5614	Project Planning and Control	48	3						
		13E5615	Management Case of International Engineering	48	3						
	10		66M0002	Dialectics of Nature	18	1			/		
			99M0000	Comprehensive Quality	16	1					
			00E0002	information retrieval	16	1					
			00E0003	intellectual property	16	1					
		00E0005	Introduction to engineering ethics	16	1			/			
		13E5617	Engineering practice lecture topic	16	1		/				
		13E5616	Research Methods in Management	32	2					4	
		13E8804	Management Information System	32	2						
		13E8805	Business Law	32	2						
10					48	1					
				240	5						
				144	2						
				48	1						
				48	1						

## 本学科推荐阅读的重要书目、专著和学术期刊

- 1 John M Nichoals . M . 2003
- 2 Kim Heldman . MP M . 2003
- 3 William A ward . M . 2001
- 4 Tom Kendrick . Identifying and Managing Project Rish AMAcom 2003
- 5 David L. Cleland . Project management Mc.Graw Hill 2009
- 6 Roger Miller . The strategic management of large Engineering projects Mill and lessad 2008
- 7 France. j. Davidson . The New project management Jossay – rass 2006
- 8 Guen lowery . Managing projects with Microsoft project 2000 JOLTNS WILEY&SOIVS INC 2001
- 9 . M . 2002
- 10 . M . 2010
- 11 . M . 2008
- 12 . M . 2010
- 13 . M . 2005
- 14 . M . 2002
- 15 . PMP M . 2003
- 16

45 ASCE – Journal of Management in Engineering

46 Taylor & Francis – Building Research and Information

47 Taylor & Francis – Journal of Civil Engineering and Management