

2020



## 120108

### 一、专业简介

		2019		2019		2020
16	59.3%	27	6	14	74%	3
	6	12		2		

### 二、培养目标

### 三、培养要求

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#### 四、课程设置

##### 1. 主干学科

##### 2. 专业核心课程

Python

##### 3. 主要实践性教学环节

ERP

##### 4. 各环节学时学分比例

附表 1：毕业总学分及学时学分基本要求与分配表



## 5. 课程与培养要求的对应关系矩阵

		1	2	3	4	5	6	7	8	9
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14	B									
15										
16	A									
17	*									
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23	Python									
24	*									
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29	*									
30	*									

		1	2	3	4	5	6	7	8	9
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34	*									
35	*									
36	*									
37	*									
38	Python *									
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56	) (									
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59	Java									
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		1	2	3	4	5	6	7	8	9
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76	A									
77	B									
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87	ERP									
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## 五、修读要求

## 1. 修业年限

4 3 8

## 2. 授予学位

## 3. 毕业标准与要求

150

## 六、指导性教学计划进程

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C	C	C	C	C	N	C	C H D				P -	A	M
							P	L	I	O			
C	C	C	C	C	N	C	P	L	I	O	P	A	M
Compulsory Course of General Education	Ideological and Political Curriculum	28A00181	Thought Morals Tutelage And Legal Foundation	3	64	32	32			1			
		28A00182	Chinese Modern History	3	64	32	32			1			
		28A00183	Mao Ze Dong Thought And Chinese Socialist Theories	5	108	52	56			2	/		
		28A00184	Principles Of Marx	3	64	32	32			2	/		
		24A01031 24A01032 24A01033 24A01034 24A01035 24A01036 24A01037 24A01038	Situation and Policy	2	48	16	32			1-8			



C	C	C	C	N	C	C H D				P	-	A	
						P	L	I	O				
						C	H	D					
Compulsory Course of General Education	Foreign Language Curriculum	08A09011	1	College English I	2	48	16	32		1			
		08A09021	2	College English	2	48	16	32		2	1		
		08A09031	3	College English	2	48	16	32		3	2		
		08A09041	4	College English	2	48	16	32		4	3		
	Physical Education Curriculum	13A70001	-	College Physical Education-Basic course	1	32	6	26		1			
		13A70002	-	College Physical Education-Selective course	3	96	6	90		2-4	-		
	Computer Curriculum	12A09012		College Computer	2	40	24		16	1			
		25A01150		College writing	1.5	24	24			1			
		24A01010		Future Career and SYB Guidance	2	32	24	8		2			
	<b>Compulsory Course of GE Subtotal</b>					<b>33.5</b>	<b>764</b>	<b>312</b>	<b>436</b>	<b>16</b>			

C	C	C	C	N	C	C H D				P -	A	M
						P	L	I	O			
Elective course of General Education	Core Course of GE	Minimum Credits Required			4	2						
	Normal Course of GE	Minimum Credits Required			6	6						

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C	C	C	N	C	C H D				P -	A	M
					P	L	I	O			
Basic Course	09A00010	Advanced Mathematics( )		5	80	80			1		
	09A00050	Advanced Mathematics( )B		3.5	56	56			2		
	09A00121	Linear Algebra		3	48	48			2		
	09A00210	A Probability & Mathematical Statistics A		3.5	56	56			3	B	
	11A01011	* Management		2	32	32			1		
	11A51002	Program Design Basis		3	64	32		32	1		
	11A51003	Introduction to E-Commerce		2.5	48	32		16	2		
	11A51004	Management Information System		3	48	48			2		
	11A01001	Professional Introduction		1	16	16			2		
	11A51005	*		3.5	80	32		48	3		





C C	C C	C N	C C	C H D				C C	P -	A M		
				P C H	L	I E	O					
		Database System and Application										
	11A51006	Introduction to Information Management	2	32	32			3				
	11A51009	Micro Economics	2	32	32			3				
	11A51007	Object-Oriented Programming	3.5	80	32		48	3				
	11A51012	* Big Data Mining and Machine Learning	2.5	48	32		16	4				
	11A51015	I The Technology of Website Design (D)	2.5	48	32		16	4				
	11A11027	Statistics	2.5	48	32		16	4	A			
	11A51021	Macro Economics	2	32	32			4				
	11A51020	* Data Structure	3.5	64	48		16	4				
Basic Course	11A51018	* Multivariate Statistical Analysis	2	48	16		32	5				
	11A51031	* Introduction to Artificial Intelligence	2	32	32			5				
	11A51032	* Data Visualization Technology	1.5	32	16		16	5				
	11A51023	* Operations Research	3	48	48			6				
	11A51038	* Distributed Computing	1.5	32	16		16	6				
	11A51039	* Python Artificial Intelligence Development	2.5	48	32		16	6				
	Subtotal			63	1152	864		288				

C C	C C	C N	C C	C H D				P -	A M			
				P C H	L	I /	C /					O
Electiv e Course	Big Data Techn ology	11A52046	Distributed Database System	2.5	48	32			4			
		11A51022	Computer Networks	2	48	16		32	4			
		11A52047	Text Analysis and Text Mining	2	32	32			4			
		11A51017	Information Storage and Retrieval	1.5	48		32	16	4			
		11A52003	Python Python Advanced Programming	2.5	48	32		16	4			
		11A52006	Operating Systems	2	32	32			5			
		11A52049	Software Design for Data Science	2.5	48	32		16	5			
		11A52007	Java Java Advanced Programming	2.5	48	32		16	5			
		11A52017	Information Security Management	2	32	32			6			
		11A51035	Introduction to System Engineering	2	32	32			6			
	11A52009	Decision Support Systems	2	32	32			7				
	Busine ss Big Dat	11A31007	Organizational Behavior	2	32	32			3			
		11A01012	Accounting	2	32	32			3			
		11A01008	Marketing	2	32	32			3			
		11A52015	Internet of Things Technology	2	32	32			4			
11A52029		Market Research and Prediction	2.5	48	32		16	4				



C C	C C	C N	C C	C H D				P -	A M	
				P C H	L	I E	O			
Elective Course	Business Big Data	11A52008	Logistics And Supply Chain Management	3	48	48		4		
		11A52013	Production and Operation Management	2	32	32		5		
		11A11025	Economic Laws	2	32	32		5		
		11A51030	Network Big Data Collection and Processing	3	48	48		5		
		11A52010	Customer Relationship Management	2	32	32		5		
		11A52051	Logistics Big Data Analysis	2	32	32		5		
		11A42004	Business intelligence and data analysis	1.5	32	16	16	6		
		11A52011	Enterprise Resource Planning	2.5	48	32		16	6	
		11A52012	Social Network Analysis	2	32	32		6		
		11A52053	Big Data Marketing	3	48	48		6		
		11A52014	Logistics Information Technology	2	32	32		7		
		11A52005	Entrepreneurship by Internet	3	48	48		7		

C C	C C	C N	C C	C H D				P -	A M		
				P C H	L	I /	C /				
Elective Course	Financial Big Data	11A01006	Finance	3	48	48			3		
		11A52055	Securities Investment	2	32	32			3		
		11A22039	Risk in Theory (Bilingual)	2	32	32			3		
		11A52057	Information Economics	2	32	32			4		
		11A22027	Derivatives Investment	2	32	32			4		
		11A52059	( ) Risk management of financial institutions (Bilingual)	2	32	32			5		
		11A52060	Financial big data mining and modeling	2	32	32			6		
		11A52002	Internet Finance Practice	2	32	32			7		
		11A52061	Python Python Financial Quantitative Analysis	2.5	48	32		16	7		
	Promo tion Modul e	08A09051	Progressive College English	2	32	32			6-7		
		09A00410	A Selected Topics in Advanced Mathematics A	5	80	80			6-7		
		09A00420	B Selected Topics in Advanced Mathematics B	3	48	48			6-7		
		09A00430	C Selected Topics in Advanced Mathematics C	4	64	64			6-7		
	Minimum Credits Required			24							



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C C	C N	C C			
33A01010	Military Theory and Training	2	2	1	
11A09001	Labor Education	1	1	2	
34A01701	Innovation Practice	2	2	7	
11A59001	Course Exercise in Program Design	1	1	2	
11A09002	Cognition Practice	1	1	3	
11A59003	Course Exercise in Database System	2	2	3	
11A59014	Big Data Mining and Machine Learning Curriculum Design	1	1	4	
11A59015	Course Design of Data Visualization Technology	2	2	5	
11A59006	Production Practice	0.5	4	7	
11A59007	ERP ERP Sand Table Simulation Training	1	1	7	
11A59016	Information Management Comprehensive Course Design	2	4	7	
11A59009	Graduation Internship	0.5	4	8	
11A59010	Graduation Dissertation	3.5	12	8	
Total		19.5	37		