

# **(Data Science and Big Data Technology)**

**(2023 )**

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Python

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Linux

10	1006035		III( )	Situation and Policy III	(0.25)	(8)							5	
11	1006036		III( )	Situation and Policy III	(0.25)	(8)							6	
12	1006037		IV( )	Situation and Policy IV	(0.25)	(8)							7	
13	1006038		IV( )	Situation and Policy IV	(0.25)	(8)							8	
14	1101010	△	I	Physical Education I	0.75	30	30							
15	1101020	△	II	Physical Education II	0.75	30	30							
16	1102010	△	III	Physical Education III	0.75	30	30							
17	1102020	△	IV	Physical Education IV	0.75	30	30							
18	1103010		V	Physical EducationV	0.5	18							18	
19	1103020		VI	Physical EducationVI	0.5	18							18	
20	0604001		A	College English A I	4	64	64							
21	0604002		A	College English A II	4	64	64							
22	0802003		B	College Physics B I	2.5	40	40							
23	0802004		B	College Physics B II	2.5	40	40							
24	0701002		B	Fundamentals of Humanities B	2	32	32							
25	0808027			An Introduction to Professions	0.5	8	8							
26	0000006			Career Planning for College Students	1.0	16	16							
27	0000007			College Students Career Guidance	0.5	8	8							
28				Labor studies for College Students	2.0	32	16						16	
29	0000008			Foundations of Innovation and Entrepreneurship for College Students	2.0	32	32							
30	0000002			Military Theory	2.0	32	32							
31	0000012			Campus Mental Health	2.0	32								
32	0000010			Campus Safety	0.5	8								
33	0000011			laboratory Safety education	0.5	8								
34	0000043			National Security Education	2.0	32								
35				Classic Reading and Academic Exchange	2.0	32								
					46	828	688							
				Foreign Languages	2.0									
				Humanities and Social Sciences	2.0									
				Public Art	2.0									
				Education on the Four Histories	2.0									
					8.0	96	96							
					54	924	784							

		1	0808003	I	Mathematical Analysis I	4	64	64					
		2	0808004	II	Mathematical Analysis II	6	96	96					
		3	0808005	III	Mathematical Analysis III	4	64	64					
		4	0808029	I	Advanced Algebra I	4	64	64					
		5	0808007	II	Advanced Algebra II	4	64	64					
		6	0808008		Introduction to Data Science	2	32	32					
		7	0808009		Probability Theory	3	48	48					
		8	0808010		Mathematical Statistics	3	48	48					
		9	0300009		Introduction to Database System	3	48	40	8				
		10	0808011		Discrete Mathematics	2	32	32					
		11	0808012		Machine Learning	2	32	32					
						37	592	584	8				
						37	592	584	8				
		1	0808013		Mathematical Modeling	2	32	20	12				
		2	0808033	C++	C++ Programming	2	32	32					
		3	0300002		Programming Foundations	4	64	40	24				
		4	0301009	(Python)	Programming Languages(Python)	3	48	24	24				
		5	0808030		Statistical Calculation and Software	2	32	32					
		6	0808031		Method of Calculation	2	32	20	12				
		7	0808017		Applied Multivariate Statistical Analysis	2	32	32					
		8	0808018		Data Visualization	2	32	20	12				
		9	0300003		Data structure	4	64	48	16				
		10	0808019		Big Data Collection and Preprocessing	2	32	20	12				
		11	0808026		Statistical Forecasting and Decision Making	3	48	48					
		12	0808020		Data Mining	2	32	16	16				
		13	0808021		Financial Big Data	2	32	32					
						32	512	384	128				

1	0308003		Algorithm Analysis and Design	2	32	28	4			
2	0808022		Optimization Theory and Algorithm	2	32	32				
3	0808023		Introduction to Artificial Intelligence	2	32	32				
4	0808024		Information and Network Security	2	32	32				
5	0808025	Spark	Spark and Big Data Application	2	32	20	12			
				4	64	60	4			
				36	576	444	132			

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		1005032		Practice Teaching Political and Ideological Theory	2.0		~			
			09	Social Surveys and Practice						

			46	28.9	688	140
			8	5.0	96	0
			37	23.3	584	8
			0	0	0	0
			32	20.1	384	128
			4	2.5	60	4
			32	20.2	0	960
			159	100	1812	1240
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1		1001031		3	3	4 18
2		1101010	I	0.75	2	4 18
3		0604001	A I	4	5	4 16
4		0701002	B	2	2	4 18
5		0808027		0.5	2	4 7
6		0000006		1	2	4 11
7		0808028		2	2	4 18
8		0000012		2	2	4 18
9		0000011		0.5	1	4 11
10		0000002		2	2	4 18
11		1006031	( )	(0.25)	(8)	4~5
12		0808003	I	4	4	4 18
13		0808029	I	4	4	4 18
14		0300002		4	5	4 16
15		0000001		2	32	2 3
				31.75	68	
1		1002031		3	3	1 14
2		1101020	II	0.75	2	1 15
3		0604002	A II	4	4	1 16
4		0802003	B	2.5	3	1 13
5		0000008		2	2	1 16
6		1006032		0.25	4	1 2
7		0301009	Python	3	3	1 16
8		0808004	II	6	6	1 16
9		0808007	II	4	4	1 16
10		0808008		2	3	1 11
11		0808602	Python (Q)	2	2	17 18
				29.9	34	



1		1003031		3	3	1 14
2		1102010	III	0.75	2	1 15
3		0802004	B	2.5	3	1 13
4		1006033	II	0.25	4	1 2
5		0808005	III	4	4	1 16
6		0808009		3	4	3 14
7		0300003		4	4	1 16
8		0808011		2	4	5 12
9		0808033	C++	2	4	1 16
				21.5	32	
1		1004031		3	3	1 16
2		1005031		3	3	1 16
3		1102020		0.75	2	1 15
4		1006034	( )	0.25	4	1 2
5		0808010		3	4	1 12
6		0300009		3	4	1 12
7		0808013		2	2	1 16
8		0308003				4 16

7		0808020		2	4	1 8
8		0808604	(Q)	3	3	17 19
				13.75	19	
1		1103020		0.5	2	1 9
2		0000007		0.5	2	5 8
3		1006036	( )	0.25	4	1 2
4		0808017		2	2	1 16
5		0808018		2	4	1 8
6		0808621	Linux	3	3	17 19
				8.25	14	
1		0808021		2	3	1 11
2		0808026		3	4	3 14
3		0808022		2	2	1 16
4		0808606		3	3	17 19
5		1006037	( )	0.25	4	1 2
				10.25	13	
1		0808609		4	4	1 4
2		0808610		12	12	5 16
3		1006038	( )	0.25	4	1 2
				16.25	4	

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2	2.1
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3	3.1
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6	6.1
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7	7.1
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	7.3
8	8.1
	8.2







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	0808602	Python	2	0	64	0	2		
	0808603		3	0	96	0	4		
	0808604		3	0	96	0	5		
			8	0	256	0			
			8	0	256	0			

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2	1	- Python			
17		Python		+	
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1	0604001	A I College English A I	64	64		4	



0604002	College	A II English A II	64	64	4	A B
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		College Physics A I					2.	A B
	0802002	A College Physics A I	48	48		3		
2	0802003	B College Physics B I	40	40		2.5		B A
	0802004	B College Physics B II	40	40		2.5		
3	0802601	A Experiment of College Physics A I	24		24	1.5		
	0802602	A Experiment of College Physics A II	24		24	1.5		
4	0802603	B Experiment of College Physics B I	18		18	1		
	0802604	B Experiment of College Physics B II	18		18	1		

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1	0301003	C Programming Languages (C)	64	32	32	4	1.
2	0301004	C Programming Languages (C)	48	24	24	3	
3	0301009	Python Programming Languages (Python)	48	24	24	3	2.
4	0301010	Python Programming Languages (Python)	64	32	32	4	
5	0301011	An Introduction of Computational Thinking	32	32			3. 3 4

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1	0701001	A Fundamentals of Humanities A	64	64		4	
2	0701002	B Fundamentals of Humanities B	32	32		2	

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1	0502501	A Introduction to Management A	48	48		3	

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