

Food Science and Engineering Category

Undergraduate Program for Specialty of Food Quality and Safety

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1	1-1	A
		A
		B
	1-2	B

	1-3	A
		B
		B
	1-4	B
		B
2	2-1	
		A
		A
	2-2	
		B1 B2
		B
	2-3	
3 /	3-1	B
		A
	3-2	
		B
	3-3	
	3-4	

4	4-1	
		A
	4-2	B
	4-3	
	4-4	
5	5-1	B
	5-2	B
6	6-1	
	6-2	
7	7-1	

	7-2	
8	8-1	
	8-2	
	8-3	
9	9-1	
	9-2	
	9-3	
10	10-1	
	10-2	

	10-3	
11	11-1	A
	11-2	
	11-3	
12	12-1	
	12-2	

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3113009001	Basical knowledge of Marxism	3	48	48		4
3113009002	Outline to Mao Zedong Thoughts and The ChineseCharacteristic Socialism Theory System	6	96	64	32	3
3113009003	Outline of Chinese modern history	2	32	24	8	1
3113009004	Ethnics and law	3	48	36	12	2

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3	4				
1		2-4		5-8	
4	12				
5	17				

3103009001	Calculus A	A 1 1	5	80	80	1
3103009002	Calculus A	A 2 2	5	80	80	2
3103009112	Linear Algebra A	A	3.5	56	56	2
3103009009	Probability and Statistics B	B	3.5	56	56	3
6	5.5					

3103009018	College Physics A	A	4.5	72	72	2
3103009020	College Physics Experiment		1	30	30	2
7	14.5					

3103009026	Inorganic and Analytical Chemistry		4.5	72	72	1
3103009030	Experiment of General Chemistry B	B 1 1	2	60	60	1
3103009027	Organic Chemistry B	B	3	48	48	2
3103009031	Experiment of General Chemistry B	B 2 2	1	30	30	2
3103009032	Physical and Colloidal Chemistry		3	48	48	3

3103009033	Physical and Colloidal Chemistry experiment	1	30	30	3
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3013009101	A Fundamental Biochemistry A	4.5	72	72	3
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3013009261	Fundamental Biochemistry Experiments	1	30	30	3
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3093009106	Food Microbiology	3.5	56	56	5
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3093009107	Experiment of Food Microbiology	1.0	30	30	5
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3043009501	General Microbiology	3	48	48	4
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3043009502	General Microbiology Experiments	1.5	45	45	4
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3093009108	Food Chemistry	3.5	56	56	5
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3093009109	Food Analysis	1.5	24	24	5
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3093009110	Food Chemistry and Analysis Experiment	1.5	50	50	5
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3093009131	B Food Technology B	3.5	56	56	5
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3093009132	B Food Technology Experiment B	1	30	30	5
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3093009101	A Principles of Food Engineering A	3.5	56	56	4
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3093009102	Food Engineering Experiment	1	30	30	4
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3103009042	VB.NET VB.NET Programming	2.5	40	40		4
3103009043	VB.NET VB.NET Programming Experiment	0.5	15		15	4
3103009040	Foundation of computer	1.5	24	24		1
3103009041	Foundation of computer experiment	0.5	15		15	1
3093009111	Food Nutriology	2	32	32		5
3093009137	Food Fermentation Equipment and Technology	3	48	48		6
3093009112	Instrumental Analysis	2.5	40	30	10	5
3093009116	Subject Introduction	1	16	16		1
3093009215	Food Additives	1.5	24	24		6
3093009216	Food Ingredients	2.0	32	32		3
3093009187	Food Enzymology	2	32	32		5
3093009222	Nutrient Delivery System	2	32	32		7
3093009223	Cytobiology	2.0	32	32		4
3093009210	Experiment of Food Applied Molecular Biology	1	30			6
3093009211	Case study in food safety	1	16	16		5
3	14					
3093009135	Food Quality Management	2.5	40	40		6
3093009113	Food Safety and Hygiene	3.5	56	56		6
3093009139	Analysis Technology for Food Safety	2	60		60	6

3093009114	Food Toxicology	3	48	48	6
3093009140	Food-Borne Epidemiology	3	48	48	6
4	15				
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3093009115	Food Physics	2	32	32	4
3093009183	Experiment of Food Bio-technology	1	30	30	7
3093009217	Modern Food Biotechnology	3.0	48	48	6
3093009170	Sensory Evaluation of Food	1.5	24	24	3
3093009912	Food Materials and Sensory Evaluation Comprehensive Practice	1		2	3
3093009177	Food Separation Technology	2.5	40	40	7
2					
3093009180	^A Food Standard and law A	2.5	40	40	4
3093009167	Beverage Technology	2	32	32	5
3093009136	Food Storage and Transportation	2	32	32	5
3093009173	Food Safety Control System	1	16	16	7
3					
3093009209	Food immunology	2	32	32	6
3093009208	Food Environment	2	32	32	5
3093009220	Food logistics	1.5	24	24	8
3093009212	Study and Critical Thinking Skills in College	2	32	32	4

3073009231	Engineering Mechanics	3.5	56	56		3
3093009207	Physiology Foundation	2	32	32		3
3093009225	Scientific Writing	1	16	16		4
3093009179	Green Food and Organic Food	1.5	24	24		5
3093009185	Egg Science and Technology	2	32	32		7
3093009188	Food Informatics	1.5	24	24		8
3093009189	Food Informatics Experiments	0.5	15		15	8
3093009221	Functional food processing technology	2	32	32		5
3093009172	Genetically Modified Food Safety	1	16	16		7
3073009154	Experimental Design and Data Analysis	2	32	30	2	6
3103009058	Mathematical Modeling B	2	32	32		4
3093009224	Food Packaging Science	2	32	32		6
3093009197	Product Research and Development Technology	1	16	16		7
3093009206	Food Culture	1	16	16		1
3093009161	The Processing Technology of Animal Source Food A	2	32	32		6
3073009950	Metalworking	0.5			1	3
3093009907	Cognitive Training	1			2	2
3093009801	Further Processing of Agricultural Products	1	16	16		2
3093009802	Inspection system of Food safety	1.5	24	24		2
3093009803	Fundamentals of Food Engineering and Technology	2	32	32		2
3093009228	Gourmet appreciation and innovative design	1	16	16		2

3093009234 Global Food & Beverages Product Analysis 2 32 32 3

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	3093009904	Graduation Thesis Design	6	14	8		1-16
1	3093009901	Food Fermentation Equipment and Technology Comprehensive Practice	2	4	6		
	3093009910	Comprehensive Internships of Food Quality and Safety	2	4	7		
	3093009903	Graduation Practice	2	4	7		
	9093009901	Military Theory and Training	2	3	1		1-3
	9093009903	Social Practice	1	3	4		
	3093009913	Academic Moral Education	0.5	8	8		
	3009309914	() Extra Credit	2				

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