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F		38	



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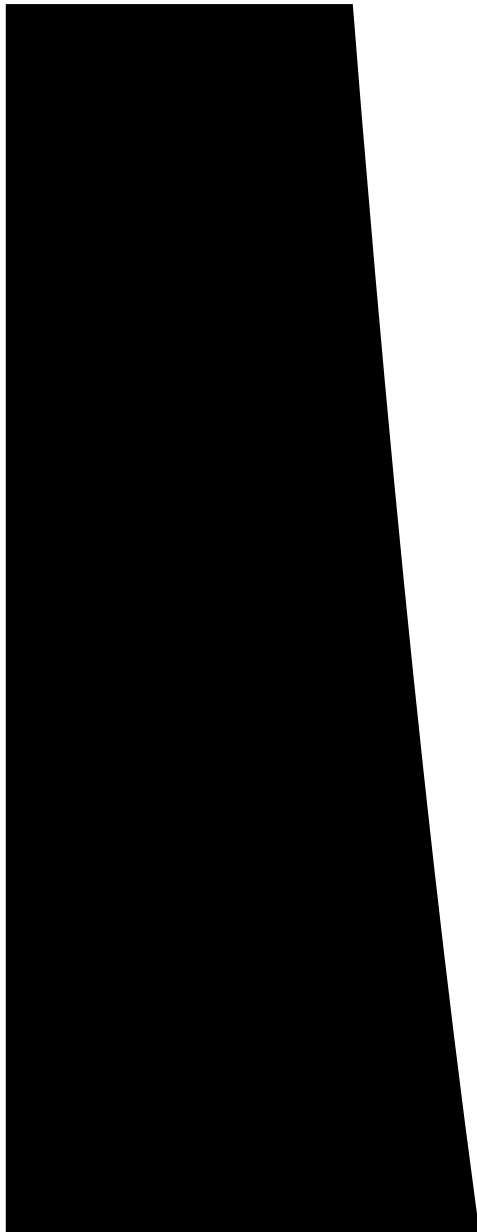
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III. Major Electives			8+
101C009	D	F	2
101C008		F	2
101B025	D	F	3
101C005	G C		3
101C003	B	F	3
101C014	E		3
101C015			3
101C001	A E A		3
101C054	C A E A		3
101B009	I	F	3
101C003	E	F	2
IV. Thesis Credits			
0000001		F	2
0000002	A A		
			28+
E: G , : I. F C , II. C C , III. E .			

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<i>I. Fundamental Courses</i>			6
371A001	C I	F	4
371A003	I C C	F	2
<i>II. Core Courses</i>			8+
103C009			2
B103B004	D	F	2
103C001	C A		2
103C005	J -		1
103C031			2
103C030	I A	F	2
<i>III. Major Electives</i>			8+
103C002	B		2

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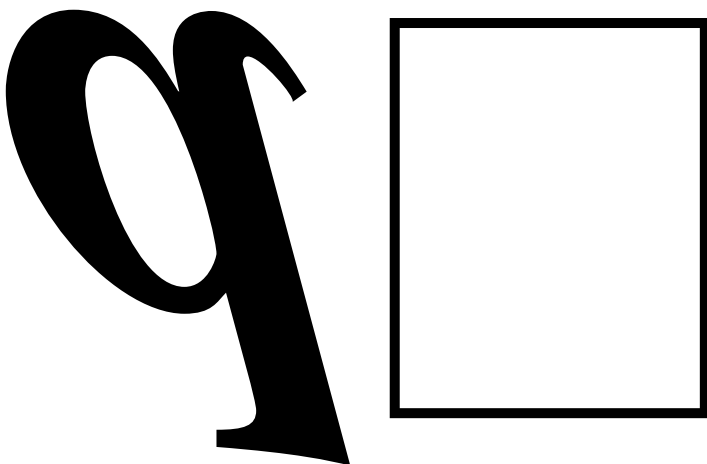
I. Fundamental Courses			6
371A001	C I	F	4
371A003	I C C	F	2
II. Core Courses			8+
113A001	A		2
102C005	E B	F	2
102B003	A &		2
102B004	A & C		2
102B007	D &		2
III. Major Electives			8+
102B005	E C	F	2
102C003	E A		2
102C004	C & A		2
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104B006	F E	F	3
104B005	F I		3
104B004	A		3
104B003	I F	F	3
III. Major Electives			8+
104C004	F F A		3
104C004	C - D I		3
104C006			3
104C001	D	F	3
104B002			3
104C005			3
IV. Thesis Credits			
0000001		F	2
0000002	A A		
			28+
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106C002	D		2
IV. Thesis Credits			
0000001		F	2
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I. Fundamental Courses			6
371A001	C I	F	4
371A003	I C C	F	2
II. Core Courses			8+
113A010	A C		3
113A002	A		2
113A008			2
113A012	I A	F	2
106C004	F I A	F	2
106C037	D C		2
106B005	F	F	2
106B001	A I	F	2
III. Major Electives			8+
106C002	D		2
106C004			2
106C005	C B (I)		2
106C003	F		2
106C006	A -G I		2
106C001	D & B D A	F	2
106C005	E C		2
106C007	C		2
106C034	A	F	2
IV. Thesis Credits			
0000001		F	2
0000002	A A		
			28+
E: G , : I. F C , H. C C , III. E .			

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I. Fundamental Courses			6
371A001	C I	F	4
371A003	I C C	F	2
II. Core Courses			8+
113B008	E	F	3
113A003	A D		3
108B002	F D	F	3
108B001	&	F	2
III. Major Electives			8+
108C003	D	F	3
108C001	C E		2
108B004	I D & A E	F	3
108C002	H	F	3
108C004	& C	F	3
IV. Thesis Credits			2
0000001		F	2
0000002	A A		
			28+
E: G , : I. F C , II. C C , III. E .			

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I. Fundamental Courses			6
371A001	C I	F	4
371A003	I C C	F	2
II. Core Courses			8+
113A010	A C		3
113A008			2
110B001		F	2
110B002	I C	F	2
110B003	& I	F	2
B110B005	&		2
III. Major Electives			12+
110B004	I	F	2
110C011	I C & A	F	2
110C005	D	F	2
110C006	& A		2
110C038	& I		2
110C004	I C	F	2
110C001	E C D & A		2
110C003	H C , C , & A		2
110C067	C		2
110C018	F , E A		2
110C007			2
IV. Thesis Credits			
0000001		F	2
0000002	A A		
			28+
E: G , : I. F C , II. C C , III. E .			

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113B007	C		3
III. Major Electives			8+
113C006	E D E		3
113C008	C I	F	3
113C007		F	3
113C009		F	3
113C006	C	F	3
113C005	F		3
113C010	A	F	3
IV. Thesis Credits			
0000001		F	2
0000002	A A		
			28+
E: G , : I. F C , II. C C , III. E .			

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I. Fundamental Courses			6
371A001	C I	F	4
371A003	I C C	F	2
II. Core Courses			8+
113A002	A		2
116B003		F	3
116B007		F	3
116B009	A C F		2
116B004	F C G	F	3
III. Major Electives: 6			8+
116C003	D		2
116C009	F E		2
116C012			2
116C013			2

116B010	C	F	2
116C005	E		2
116C011	E		2
IV. Thesis Credits			
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			28+
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(2) *Thermal Engineering*: C
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(3) *Refrigeration and Cryogenic Engineering*:
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; D .
(4) *Power Machinery and Engineering*: I
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(4) *New Energy Science and Engineering*:
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I. Fundamental Courses			6
371A001	C I	F	4
371A003	I C C	F	2
II. Core Courses			8+
113A010	A C		3
113A008			3
113A006	A D E		3
108B001	A E	F	3
108B003	A C		3
108B003	A H	F	3
III. Major Electives			8+
108C009	C H		2
108C006	E H &		2
108C005	A E C	F	2
108C008		F	2
108C007	& C	F	2
IV. Thesis Credits			
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(2) *Microbial fermentation and metabolic engineering*

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(3) *Biocatalysis and biotransformation* -
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(4) *Biosensors*

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113A007	A		2
102B002	B		3
102B001	A C	F	2
102C040	C E		2
103C005	J -		1
II. Core Courses			8+
103C002	B		2
102C001	B & B		2
102C041	E E		2
106C001	B		2
102C001	E	F	2
III. Major Electives			8+
IV. Thesis Credits			
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I. Fundamental Courses **6**

371A001 C I F 4

371A003 I C C F 2

II. Core Courses **13**

107B001 E F 3

107B002 I 2

107B003 I F 2

107B004 I E

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<i>I. Fundamental Courses</i>			6
371A001	C I	F	4
371A003	I C C	F	2
<i>II. Core Courses</i>			11
113A015	E		3
113B008	C		2
113A014	A		3
116B004	F C G	F	3
<i>III. Major Electives</i>			
113C012			2
113C013	- D	F	2

113C011	E B		2
113C010	A	F	3
116B002		F	3
IV. Thesis Credits			
0000001		F	2
0000002	A A		
			28+
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<i>I. Fundamental Courses</i>			6
371A001	C I	F	4
371A003	I C C	F	2
<i>II. Core Courses</i>			8+
113A010	A C		3
113A002	A		2
113B022	D		3
113B001	A		3
113B002	A C	F	3

113B003	F E C E		3
III. Major Electives			8+
113C001	A		2
113C026	A A & E		2
113C029	B		2
113C002	E C E	F	2
108B003	A F E	F	2
113C003	C E		2
IV. Thesis Credits			
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0000002	A A		
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E: G , : I. F C , II. C C , III. E .			

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<i>I. Fundamental Courses</i>			6
371A001	C I	F	4
371A003	I C C	F	2
<i>II. Core Courses</i>			8+
114B002	E	F	2
114B003	C C	F	2
114B004	I	F	2
114B007	A		2
<i>III. Major Electives: Foreign Linguistics</i>			8+
114B008	A ()	F	2
114C002	A		2
114C012			2
114C021			2
114C009	I C		2

114C020	D A		2
114C019	E A : , ,		2
114C014	C	F	2
114C001	E		2
114C002	E	F	2
III. Major Electives: Literature			
114C017	E		2
114C010	A	F	2
114C004	C		2
114C019	E A : , ,		2
114C014	C	F	2
114C015	& C E A		2
114C018	B A D		2
114C013			2
114C003	C : A I		2
III. Major Electives: Translation			
114C022	A B H C	F	2
114C006	C A E C	F	2
114C007	C -A	F	2
114C004	C		2
114C011	B E		2
114C013		F	2
114C004			2
114C003	I		2
114C001			2
IV. Thesis Credits			
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			28+
E: G , : I. F C , II. C C , III. E .			

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