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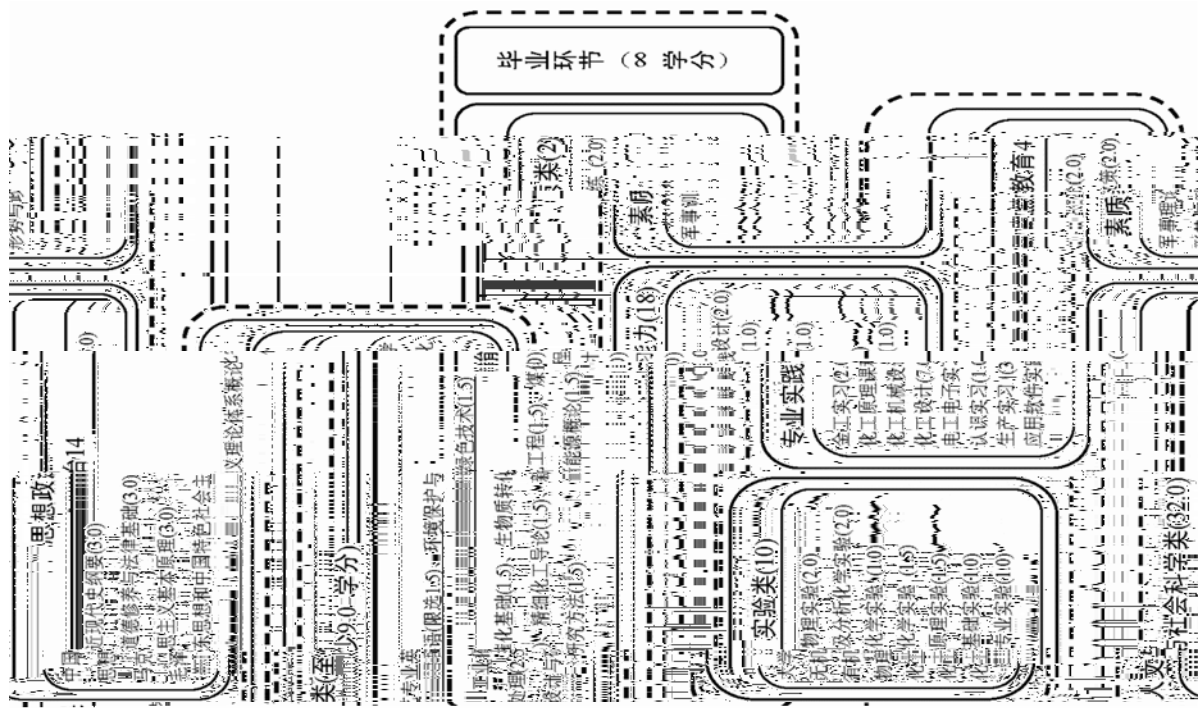
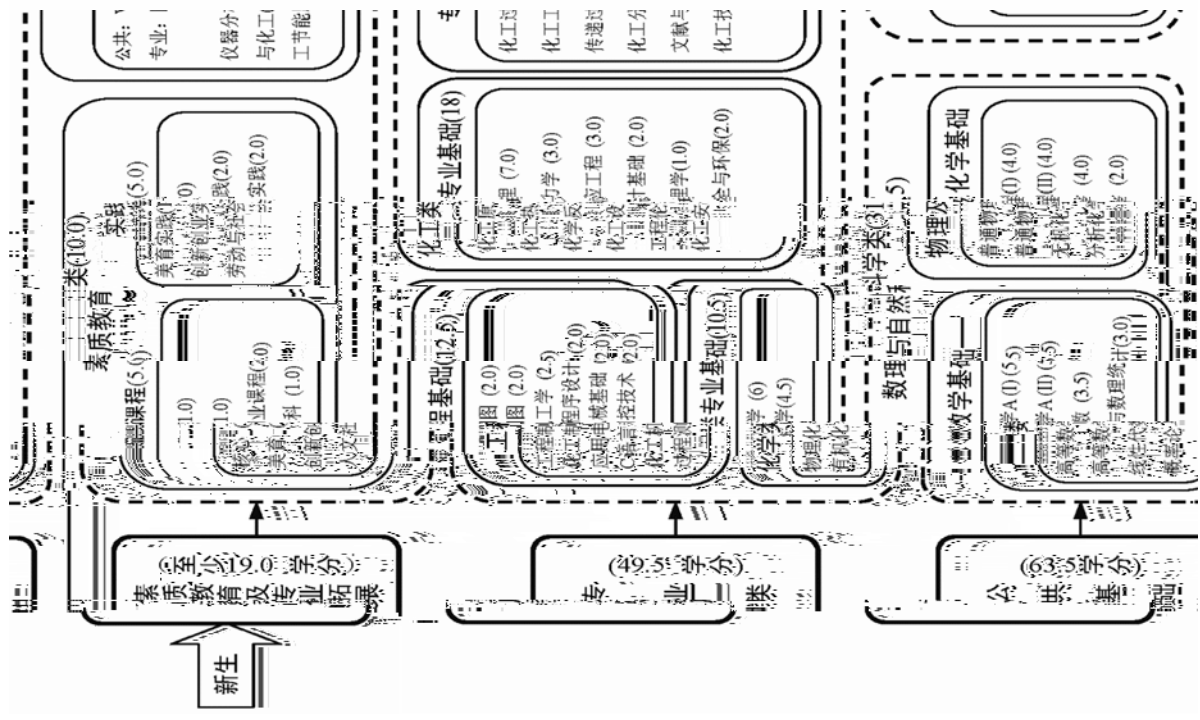
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(63.5)	(16.0)	(11.0)	(3.0)	(3.0)	(5.0)	
		(3.0)		(3.0)		
		(2.0)	(2.0)			
	(31.5)	(17.5)	A (11.0)	(3.5)	(3.0)	
		(8.0)	(8.0)			
		(6.0)	(4.0)	(2.0)		
	(9.0)	(9.0)	I II III (9.0)			
	(5.0)	(4.0)	(4.0)			
		(1.0)	(1.0)			
		(2.0)	(2.0)			

(44.0)	(12.5)	(4.0)	(2.0)	(2.0)	
		(2.5)	(2.5)		
		(2.0)	(2.0)		
		(2.0)	C	(2.0)	
		(2.0)	(2.0)		
	(3.5)	(2.0)	(	1.5)	
	(2.5)	(1.0)	(	1.5)	
	(10.5)	(4.5)	(6.0)		
	(15.0)	(7.0)	(3.0)	(3.0)	(2.0)
(10.0)	(2.0)	(2.0)	(2.0)		
	(3.0)	(3.0)	(3.0)		
	(5.0)	(	1.5)	(1.5)	(2.0)
(38.0)	(6.5)	(2.0)	(2.0)	(1.0)	
	(3.5)	(1.5)	(1.0)	(1.0)	
	(7.0)	(2.0)	(1.0)	(1.0)	(3.0)
	(11.0)	(7.0)	(1.0)	(1.0)	(2.0)
	(	)(8.0)	(8.0)		
	(2.0)	(2.0)			
10.0	(5.0)	(1.0)	1.0	(2.0)	1.0
	(5.0)	1.0	(2.0)	(2.0)	



CHE21501T CHE21502T CHE33400T CHE32400T  
 CHE34400T CHE46400T CHE37200T  
 CHE46401T

170 151 113 38  
 19 9 5 5

	63.5	49.5	38.0	—	≥9.0	1.0	1.0	2.0	1.0	1.0	2.0	2.0	≥170.0		

161 120 41  
 3 6

		63.5	ENG11400T	I	3.0	48	48	0	0	0	1	
			MAT13904T	A I	5.5	88	88	0	0	0	1	
			PHE10200E		2.0	36	36	0	0	0	1	
			PHE10001T	I	1.0	32	32	0	0	0	1	
			MXI11400E		3.0	48	32	0	0	16	1	
			HSS18000T		1.0	18	12	0	0	6	1	
			CHM11600T		4.0	64	64	0	0	0	1	
			CHM32200T		2.0	32	32	0	0	0	2	
			MXI12400E		3.0	48	32	0	0	16	2	
			ENG11401T	II	3.0	48	48	0	0	0	2	
			MAT13905T	A II	5.5	88	88	0	0	0	2	
			PHE10002T	II	1.0	32	32	0	0	0	2	
			PHY11600T	I	4.0	64	64	0	0	0	2	
			MXI21400E		3.0	48	32	0	0	16	4	
			ENG11402T	III	3.0	48	48	0	0	0	4	
			MAT11501T	A	3.5	56	56	0	0	0	4	
			PHE20000T	III	1.0	32	32	0	0	0	4	
			PHY21601T	II	4.0	64	64	0	0	0	4	
			MXI22800E		5.0	80	64	0	0	16	5	
			PHE20001T	IV	1.0	32	32	0	0	0	5	
			MAT25400T		3.0	48	48	0	0	0	5	
			MXI42H01E	I	0.5	32	16	0	0	16	1,2	
			MXI42H02E	II	0.5	32	16	0	0	16	4,5	
			MXI42H03E	III	0.5	32	16	0	0	16	7,8	
		MXI42H04E	IV	0.5	32	16	0	0	16	10,11		
		-	CSE24101C	Python	1.5	32	16	0	16	0	2	
			ENG11403T	IV	3.0	48	48	0	0	0	5	
			CSE14100C	VB	1.5	32	16	0	16	0	5	

		49.5	MEE11200T		2.0	32	28	0	4	0	1	
			CHE20100C		1.5	24	16	0	8	0	2	
			CHM13700T		4.5	72	72	0	0	0	2	
			CHE20000T		1.0	16	16	0	0	0	3	
			CHM34400T	I	3.0	48	48	0	0	0	4	
			CSE14204C	C	2	40	24	0	16	0	4	
			EEE11302T		2.5	40	40	0	0	0	5	
			CHM34402T	II	3.0	48	48	0	0	0	5	
			MEE16200T		2.0	32	32	0	0	0	5	
			CHE21501T		3.5	56	56	0	0	0	5	
			CHE33400T		3.0	48	48	0	0	0	7	
			CHE32400T		3.0	48	48	0	0	0	7	
			CHE37201C		2.0	40	24	0	16	0	7	
			CHE21502T		3.5	56	56	0	0	0	7	
			CHE35202T		2.0	32	32	0	0	0	8	
			CHE34202T		2.0	32	32	0	0	0	8	
			EEE34200T		2.0	32	28	4	0	0	8	
			CHE46401T		3.0	48	48	0	0	0	8	
			CHE46400T		3.0	48	48	0	0	0	8	
			CHE37200T		2.0	32	32	0	0	0	8	
		CHE48201E		2.0	32	28	4	0	0	8		
		CHE49201T		2.0	32	32	0	0	0	10		
	4.5	CHE20105T		1.5	24	24	0	0	0	1		
		CHE30101T		1.5	24	24	0	0	0	8		
		ENV48100T		1.5	24	24	0	0	0	10		
	≥4.5	CHM22400T		3.0	48	48	0	0	0	5		
		CHE20300C		2.5	48	32	0	16	0	5		
		MAT30100T		1.5	24	24	0	0	0	7		
		ECE41102T		1.5	24	24	0	0	0	10		
		CHE30100T		1.5	24	24	0	0	0	10		
		CHE48101T		1.5	24	24	0	0	0	10		
		CHE42100T		1.5	24	24	0	0	0	10		
		CHE30102T		1.5	24	24	0	0	0	10		
		ECE44104T		1.5	24	24	0	0	0	10		
		CHE36100T		1.5	24	24	0	0	0	10		
		CHE41100T		1.5	24	24	0	0	0	10		
		ECE43101T		1.5	24	24	0	0	0	10		
	CHE44100T		1.5	24	24	0	0	0	10			



		38.0	CHM11000L	C(I)	1.0	32	0	32	0	0	1	
			PHE19200P		2.0	2	0	0	0	2	1	
			CHM11001L	C(II)	1.0	32	2	30	0	0	2	
			MEE29101P		2.0	2	0	0	0	2	2	
			CHM13000L	B I	1.0	32	2	30	0	0	4	
			PHY11000L	I	1.0	32	0	32	0	0	4	
			CHE29303P		1.0	1	0	0	0	1	4	
			CHM14101L	B	1.5	48	0	48	0	0	5	
			PHY11001L	II	1.0	32	0	32	0	0	5	
			EEE29101P		1.0	1	0	0	0	1	7	
			CHE21000P		1.0	1	0	0	0	1	6	
			CHE21103L		1.5	48	0	48	0	0	5,7	
			CHE32000L		1.0	32	0	32	0	0	7	
			CHE39000P		1.0	1	0	0	0	1	7	
			CHE39201P		2.0	2	0	0	0	2	8	
			CHE39000L		1.0	1	0	1	0	0	9	
			CHE39301P		3.0	3	0	0	0	3	10	
			CHE49A02P		7.0	14	0	0	0	14	10	
		CHE49A01P	( )	8.0	14	0	0	0	14	11		
		5.0										
		5.0										

ENG11400T	I	1	48	3.0
ENG11401T	II	2	48	3.0
ENG11402T	III	4	48	3.0
ENG11403T	IV	5	48	3.0
CHE20100C		2	24	1.5
	1	3	16	1.0
	2	3	16	1.0
CHE30101T		10	24	1.5

CSE24101C	Python	2	32	1.5
CSE14204C	C	4	40	2.0
CSE14100C	VB	5	32	1.5
CHE20300C		5	48	2.5
CHE39000P		7	1	1.0
CHE39301P		10	1	1.0

CHE21000P		6	1	1.0
CHE37201C		7	40	2.0
CHE39201P		8	2	2.0
CHE37200T		8	32	2.0
CHE49A02P		10 11	14	7.0
CHE49A01P		10 11	14	8.0

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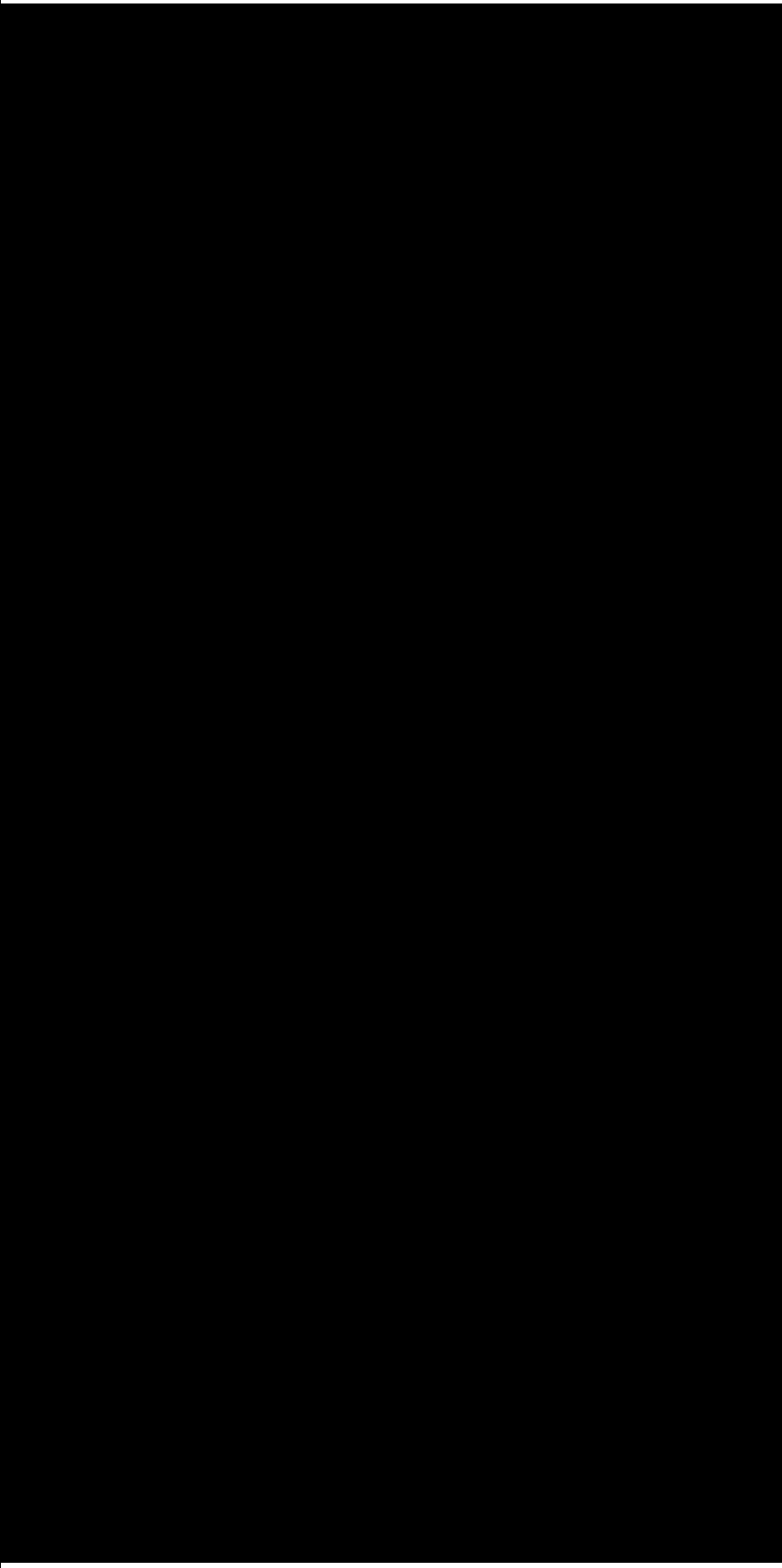
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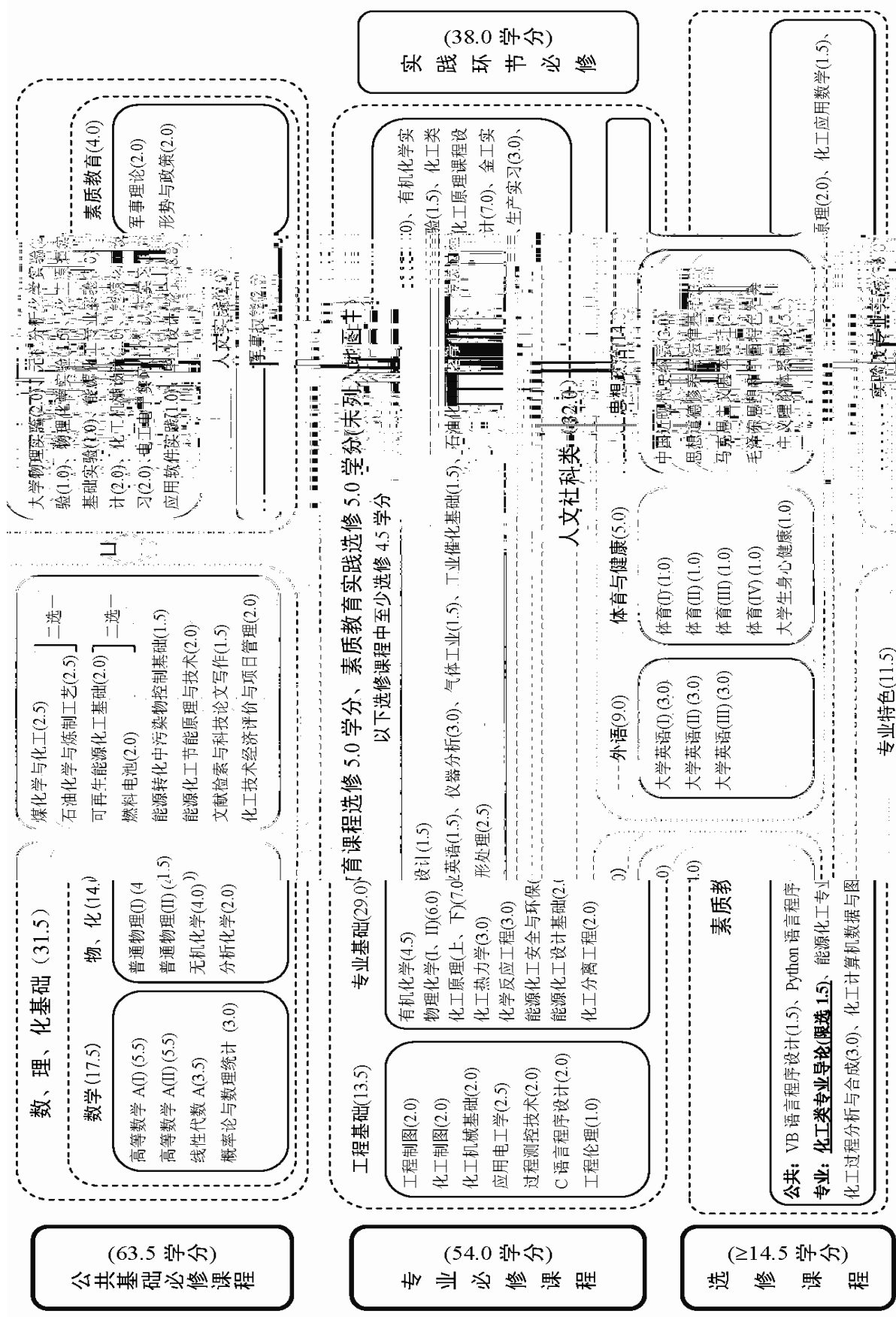
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(3.0)	
(3.0)	
(3.0)	
(3.5)	(3.0)
(2.0)	
.0)	
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(2.0) (124 .1T2 0d192.44TT2 1 91.01484 .1T2 0d3.46 rTT2 1 0

(41.5)	(3.0)		(1.5)	(1.5)
	(2.5)		(1.0)	(1.5)
	(10.5)		(4.5)	(6.0)
	(13.0)		(7.0)	(3.0) (3.0)
(14.0)	(10.5)		(2.5)	(2.5)
			(2.0)	(2.0)
			(2.0)	(2.0) (2.0)
	(3.5)		(1.5)	(2.0)
(38.0)	(6.5)		(2.0)	(2.0) (1.0)
	(3.5)		(1.5)	(1.0) (1.0)
	(28.0)	(7.0)	(2.0)	(1.0) (1.0)
		(11.0)	(1.0)	(1.0) (2.0)
		(8.0)	(7.0)	(8.0)
		(2.0)	(2.0)	(2.0)
10.0	(5.0)		(1.0) (1.0) (2.0)	
	(5.0)		(1.0) (2.0) (2.0)	



公共基础必修课程 (63.5 学分)

专业必修课程 (54.0 学分)

选修课程 (≥14.5 学分)

数、理、化基础 (31.5)

数学 (17.5)

- 高等数学 A(0) (5.5)
- 高等数学 A(II) (5.5)
- 线性代数 A(3.5)
- 概率论与数理统计 (3.0)

物、化 (14.0)

- 普通物理(I) (4)
- 普通物理(II) (1.5)
- 无机化学(4.0)
- 分析化学(2.0)

煤化学与化工(2.5)

- 石油化学与炼制工艺(2.5)

二选一

- 可再生能源化工基础(2.0)
- 燃料电池(2.0)
- 能源转化中污染物控制基础(1.5)
- 能源化工节能原理与技术(2.0)
- 文献检索与科技论文写作(1.5)
- 化工技术经济评价与项目管理(2.0)

工程基础(13.5)

- 工程制图(2.0)
- 化工制图(2.0)
- 化工机械基础(2.0)
- 应用电工学(2.5)
- 过程测控技术(2.0)
- C 语言程序设计(2.0)
- 工程伦理(1.0)

专业基础(29.0)

- 有机化学(4.5)
- 物理化学(I、II)(6.0)
- 化工原理(上、下)(7.0)
- 英语(1.5)
- 仪器分析(3.0)
- 气体工业(1.5)
- 工业催化基础(1.5)
- 石油化学工程(1.5)
- 化工原理课程设
- 计(7.0)
- 金工实
- 训(3.0)
- 生产实习(3.0)

人文社科类(32.0)

- 中国近现代史纲要(3.0)
- 思想道德修养与法律基础(3.0)
- 马克思主义基本原理概论(3.0)
- 毛泽东思想和中国特色社会主义理论体系概论(3.0)
- 军事理论(2.0)
- 形势与政策(2.0)

体育与健康(5.0)

- 体育(I)(1.0)
- 体育(II)(1.0)
- 体育(III)(1.0)
- 体育(IV)(1.0)
- 大学生身心健康(1.0)

外语(9.0)

- 大学英语(I)(3.0)
- 大学英语(II)(3.0)
- 大学英语(III)(3.0)

素质教育

- 公共: VB 程序设计(1.5), Python 语言程序
- 专业: 化工类专业导论(限选 1.5), 能源化工专业
- 化工过程分析与合成(3.0), 化工计算机数据与图

实践环节必修 (38.0 学分)

- 有机化学实
- 验(1.5)
- 化工类
- 化工原理课程设
- 计(7.0)
- 金工实
- 训(3.0)
- 生产实习(3.0)

专业特色(11.5)

- 原理(2.0)
- 化工应用数学(1.5)

CHE21501T 56

CHE21502T 56

CHE33400T

48

CHE32400T 48

ECE37200C 32

ECE41300T 40

ECE45301T 40

ECE44201T 32

ECE44205T 32

ECE49A01P 14

170.0

155.5

117.5

38.0

14.5

4.5

5.0

5.0

14.5														
	63.5	54.0	38.0	0	4.5	1.0	1.0	2.0	1.0	1.0	2.0	2.0	170.0	

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		63.5	ENG11400T	I	3.0	48	48	0	0	0	1	
			MAT13904T	A	5.5	88	88	0	0	0	1	
			CHM11600T		4.0	64	64	0	0	0	1	
			MXI111400E		3.0	48	32	0	0	16	1	
			PHE10200T		2.0	36	24	0	0	12	1	
			PHE10001T		1.0	32	32	0	0	0	1	
			HSS18000T		1.0	18	12	0	0	6	1	
			MXI42H01E	I	0.5	32	16	0	0	16	1,2	
			MXI12400E		3.0	48	32	0	0	16	2	
			ENG11401T	II	3.0	48	48	0	0	0	2	
			MAT13905T	A	5.5	88	88	0	0	0	2	
			CHM32200T		2.0	32	32	0	0	0	2	
			PHY11600T		4.0	64	64	0	0	0	2	
			PHE10002T		1.0	32	32	0	0	0	2	
			MXI42H02E	II	0.5	32	16	0	0	16	4,5	
			MXI21400E		3.0	48	32	0	0	16	4	
			ENG11402T	III	3.0	48	48	0	0	0	4	
			PHE20000T		1.0	32	32	0	0	0	4	
			PHY21601T		4.0	64	64	0	0	0	4	
			MAT11501T	A	3.5	56	56	0	0	0	4	
			MXI22800E		5.0	80	64	0	0	16	5	
			MAT25400T		3.0	48	48	0	0	0	5	
			PHE20001T		1.0	32	32	0	0	0	5	
			MXI42H03E	III	0.5	32	16	0	0	16	7,8	
			MXI42H04E	IV	0.5	32	16	0	0	16	10,11	
			CSE24101C	Python	1.5	32	16	0	16	0	2	
		ENG11403T	IV	3.0	48	48	0	0	0	5		
		CSE14100C	VB	1.5	32	16	0	16	0	5		



			MEE11200T		2.0	32	28	0	4	0	1	
			CHE20100C		1.5	24	16	0	8	0	2	
			CHM13700T		4.5	72	72	0	0	0	2	
			CHE20000T		1.0	16	16	0	0	0	3	
			CHM34400T		3.0	48	48	0	0	0	4	
			CSE14204C	C	2.0	40	24	0	16	0	4	
			EEE11302T		2.5	40	40	0	0	0	5	
			CHM34402T		3.0	48	48	0	0	0	5	
			CHE21501T		3.5	56	56	0	0	0	5	
			MEE16200T		2.0	32	32	0	0	0	5	
			CHE21502T		3.5	56	56	0	0	0	7	
			CHE33400T		3.0	48	48	0	0	0	7	
		54.0	CHE32400T		3.0	48	48	0	0	0	7	
			CHE37201C		2.0	40	24	0	16	0	7	

		38.0	PHE19200P		2.0	2	0	0	0	2	1	
			CHM11000L	C(I)	1.0	32	0	32	0	0	1	
			MEE29101P		2.0	2	0	0	0	2	2	
			CHM11001L	C(II)	1.0	32	2	30	0	0	2	
			CHM13000L	B I	1.0	32	2	30	0	0	4	
			PHY11000L		1.0	32	0	32	0	0	4	
			ECE29301P		1.0	1	0	0	0	1	4	
			CHM14101L	B	1.5	48	0	48	0	0	5	
			PHY11001L		1.0	32	0	32	0	0	5	
			CHE21000P		1.0	1	0	0	0	1	6	
			EEE29101P		1.0	1	0	0	0	1	7	
			CHE21103L		1.5	48	0	48	0	0	5,7	
			CHE39000P		1.0	1	0	0	0	1	7	
			CHE32000L		1.0	32	0	32	0	0	7	
			CHE39201P		2.0	2	0	0	0	2	8	
			ECE39000L		1.0	32	0	32	0	0	9	
			ECE39401P		3.0	3	0	0	0	3	10	
			ECE49A01P		7.0	14	0	0	0	14	10	
		ECE49A02P	( )	8.0	14	0	0	0	14	11		
		5.0										
		5.0										

ENG11400T	(I)		1		48			3.0	
ENG11401T	(II)		2		48			3.0	
ENG11402T	(III)		4		48			3.0	
ENG11403T	(IV)		5		48			3.0	
CHE20100C			2		24			1.5	
ECE30100T			10		24			1.5	

CSE14204C	C	4	40	2.0
CSE24101C	Python	2	32	1.5
CSE14100C	VB	5	32	1.5
CHE20300C		5	48	2.5
CHE39000P		7	1	1.0
ECE39401P		10	1	1.0

CHE21000P		6	1	1.0
CHE37201C		7	40	2.0
ECE37200C		8	32	2.0
CHE39201P		8	2	2.0
ECE49A01P		10	14	7.0
ECE49A02P	( )	11	14	8.0

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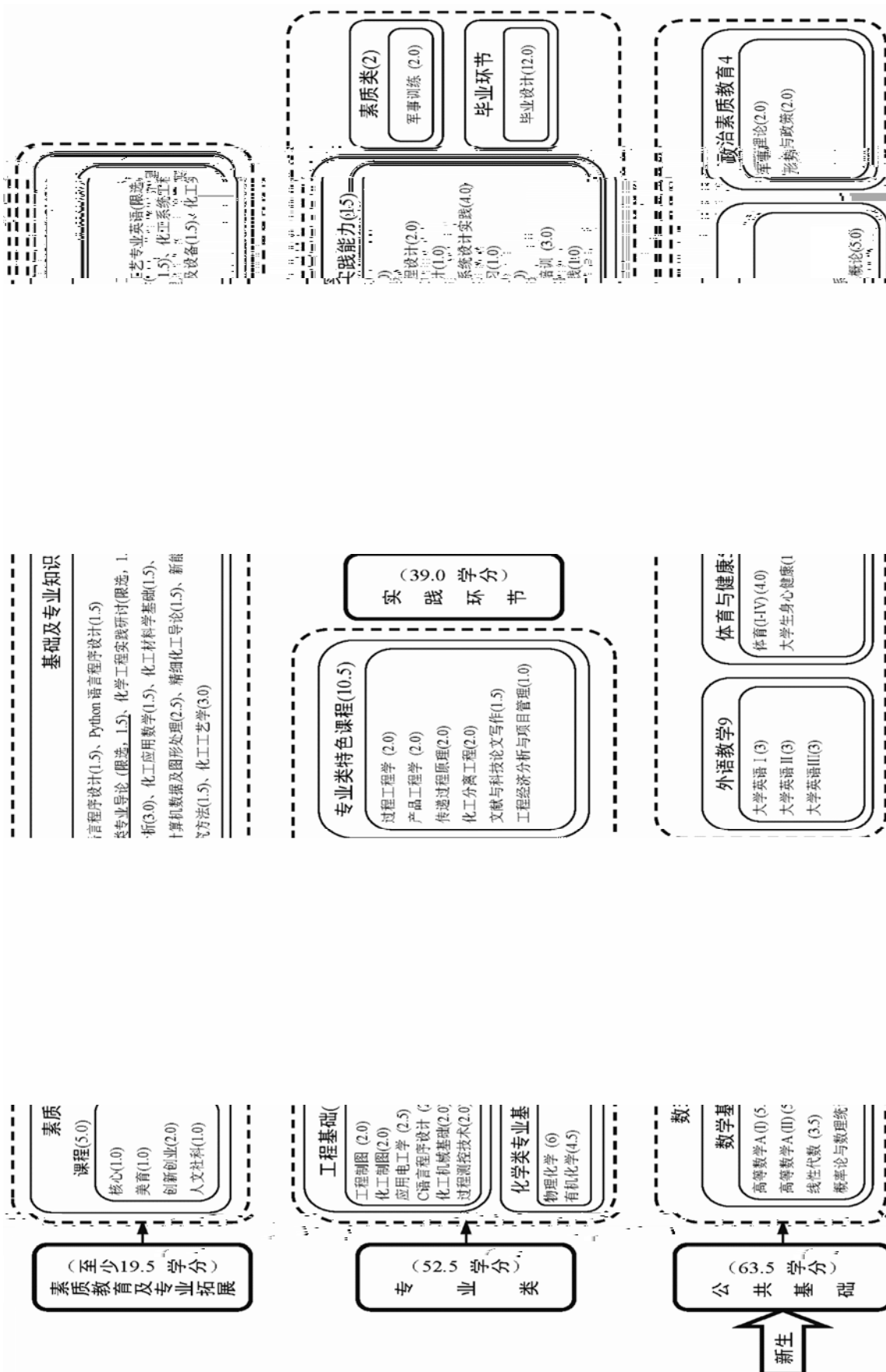
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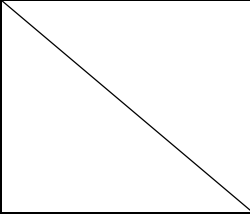
(63.5)	(16.0)	(11.0)	(5.0) (3.0) (3.0)
		(3.0)	(3.0)
		(2.0)	(2.0)
	(31.5)	(17.5)	A (11.0) (3.5) (3.0)
		(8.0)	(8.0)
		(6.0)	(4.0) (2.0)
	(9.0)	(9.0)	I , (9.0)
	(5.0)	(4.0)	(4.0)
		(1.0)	(1.0)
		(2.0)	(2.0)

(42.5)	(12.5)	(4.0)	(2.0)	(2.0)		
		(2.5)	(2.5)			
		(2.0)	(2.0)			
		(2.0)	C	(2.0)		
		(2.0)	(2.0)			
	(2.0)	(2.0)	(	1.5)		
	(2.5)	(1.0)	(	1.5)		
	(10.5)	(4.5)	(6.0)			
	(15.0)	(7.0)	(3.0)	(3.0)		
		(2.0)				
(11.5)	(4.0)	(2.0)	(2.0)			
	(4.0)	2.0	(2.0)			
	(3.5)	1.0	(1.5)	(1.0)		
		1.0	(	1.5)		
(39.0)	(6.5)	(2.0)	(2.0)	(1.0)		
		(1.5)				
	(3.5)	(1.5)	(1.0)	(1.0)		
	(29.0)	(7.0)	(2.0)	(1.0)	(1.0)	
			(3.0)			
		(8.0)	(1.0)	(1.0)	(2.0)	
			(4.0)			
(	(12.0)	(12.0)				
(2.0)	(2.0)					
10.0	(5.0)	(1.0)	1.0	(2.0)	1.0	
	(5.0)	1.0	(2.0)	(2.0)		



CHE21501T CHE21502T CHE33400T CHE32500T  
 CHE34400T CHE41200T CHE31200T CHE47202T  
 CHE35202T

174.5 155 116 39  
 19.5 9.5 5 5

														
	63.5	52.5	39.0	—	≥9.5	1.0	1.0	2.0	1.0	1.0	2.0	2.0	≥174.5	

161 120 41  
 3 6



			ENG11400T	I	3.0	48	48	0	0	0		

MAT13904T

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63.5

		52.5	MEE11200T		2.0	32	28	0	4	0	1	
			CHE20100C		1.5	24	16	0	8	0	2	
			CHM13700T		4.5	72	72	0	0	0	2	
			CHE20000T		1.0	16	16	0	0	0	3	
			CHM34400T	I	3.0	48	48	0	0	0	4	
			CSE14204C	C	2.0	40	24	0	16	0	4	
			EEE11302T		2.5	40	24	8	0	0	5	
			CHM34402T	II	3.0	48	48	0	0	0	5	
			MEE16200T		2.0	32	32	0	0	0	5	
			CHE21501T		3.5	56	56	0	0	0	5	
			CHE33400T		3.0	48	48	0	0	0	7	
			CHE32500E		3.0	48	48	0	0	0	7	
			CHE37201C		2.0	40	24	0	16	0	7	
			CHE21502T		3.5	56	56	0	0	0	7	
			CHE35202T		2.0	32	32	0	0	0	8	
			CHE38000T		1.0	16	16	0	0	0	7	
			CHE34202T		2.0	32	32	0	0	0	8	
			EEE34200T		2.0	32	28	4	0	0	8	
			CHE31200T		2	32	32	0	0	0	8	
			CHE41200T		2	32	32	0	0	0	7	
			CHE47202T		2	32	32	0	0	0	8	
		CHE46001T		1.0	16	16	0	0	0	10		
		CHE48201E		2.0	32	28	4	0	0	10		
	5.5	CHE20105T		1.5	24	24	0	0	0	1		
		CHE49001T		1.0	16	16	0	0	0	10		
		CHE30101T		1.5	24	24	0	0	0	10		
		ENV48100T		1.5	24	24	0	0	0	10		
	≥5.0	CHM22400T		3.0	48	48	0	0	0	5		
		CHE20300C		2.5	48	32	0	16	0	5		
		MAT30100T		1.5	24	24	0	0	0	7		
		CHE46401T		3.0	48	48	0	0	0	8		
		ECE41102T		1.5	24	24	0	0	0	10		
		CHE30100T		1.5	24	24	0	0	0	10		
		CHE48101T		1.5	24	24	0	0	0	10		
		CHE42100T		1.5	24	24	0	0	0	10		
		CHE30102T		1.5	24	24	0	0	0	10		
		ECE44104T		1.5	24	24	0	0	0	10		
		CHE36100T		1.5	24	24	0	0	0	10		
		CHE41100T		1.5	24	24	0	0	0	10		
	ECE43101T		1.5	24	24	0	0	0	10			

		39	CHM11000L	C(I)	1.0	32	0	32	0	0	1	
			PHE19200P		2.0	2	0	0	0	2	1	
			CHM11001L	C(II)	1.0	32	2	30	0	0	2	
			MEE29101P		2.0	2	0	0	0	2	2	
			CHM13000L	B I	1.0	32	2	30	0	0	4	
			PHY11000L	I	1.0	32	0	32	0	0	4	
			CHE29303P		1.0	1	0	0	0	1	4	
			CHM14101L	B	1.5	48	0	48	0	0	5	
			PHY11001L	II	1.0	32	0	32	0	0	5	
			EEE29101P		1.0	1	0	0	0	1	7	
			CHE21000P		1.0	1	0	0	0	1	6	
			CHE21003L		1.5	48	0	48	0	0	5,7	
			CHE32000L		1.0	32	0	32	0	0	7	
			CHE39000P		1.0	1	0	0	0	1	7	
			CHE39201P		2.0	2	0	0	0	2	8	
			CHE37601P		4.0	8	0	0	0	2	8	
			CHE39000L		1.0	1	0	1	0	0	9	
			CHE49301P		3.0	4	0	0	0	4	10	
			CHE49A03P	( )	12.0	28	0	0	0	28	10,11	
		5.0										
		5.0										

ENG11400T	I	2	48	3.0
ENG11401T	II	3	48	3.0
ENG11402T	III	4	48	3.0
ENG11403T	IV	5	48	3.0
CHE20100C		2	24	1.5
	1	3	16	1.0
	2	3	16	1.0
CHE30101T		10	24	1.5

CSE24101C	Python	2	32	1.5
CSE14204C	C	4	40	2.0
CSE14100C	VB	5	32	1.5
CHE20300C		5	48	2.5
CHE39000P		7	1	1.0
CHE39301P		10	1	1.0

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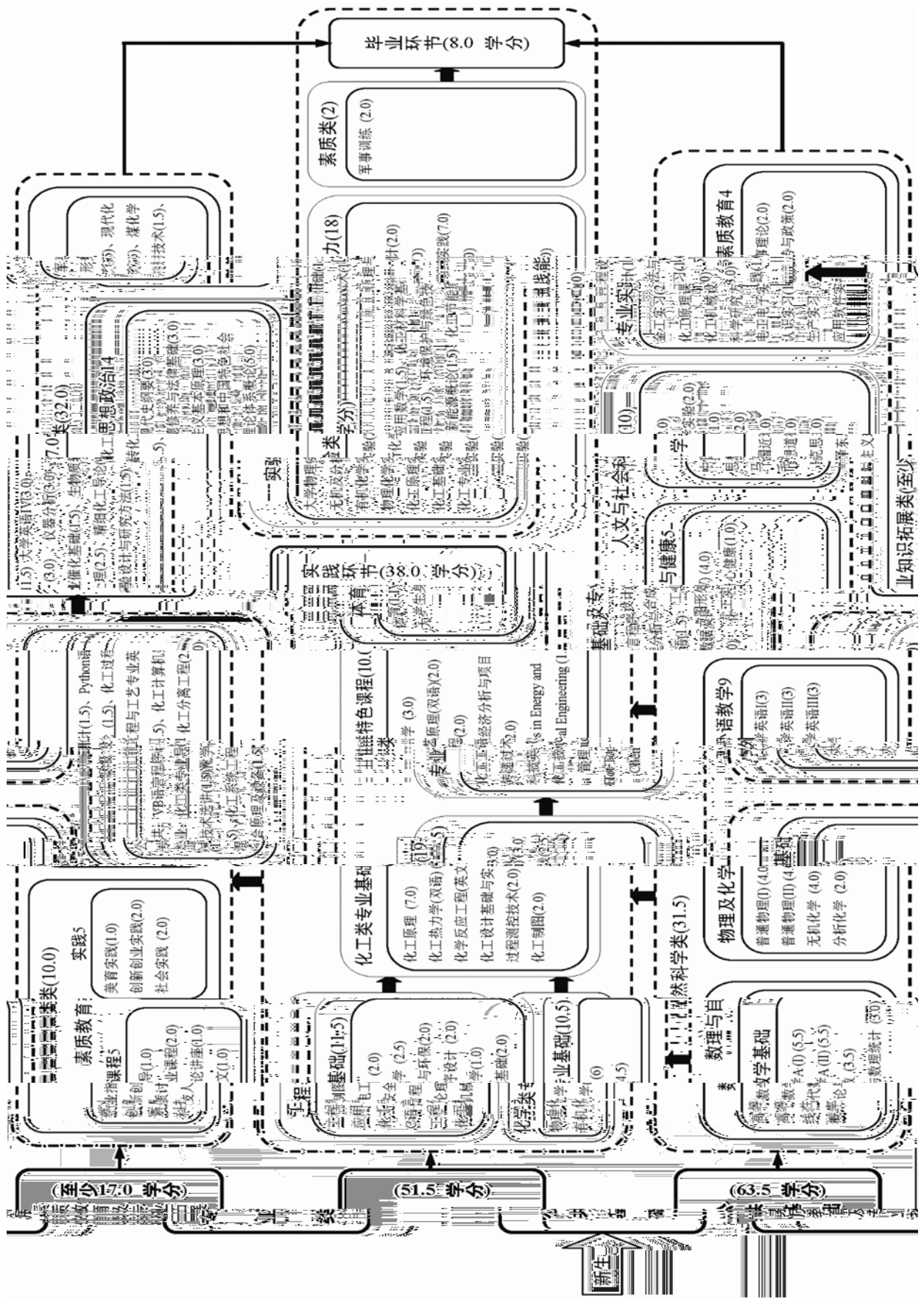
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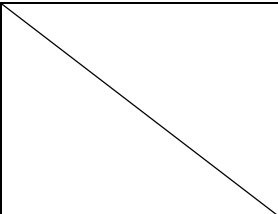
(63.5)	(16.0)	(11.0)	(3.0) (5.0) (3.0)
		(3.0)	(3.0)
		(2.0)	(2.0)
	(31.5)	(17.5)	A (11.0) (3.5) (3.0)
		(8.0)	(8.0)
		(6.0)	(4.0) (2.0)
	(9.0)	(9.0)	I II III (9.0)
	(5.0)	(4.0)	(4.0)
		(1.0)	(1.0)
		(2.0)	
(43.0)	(12.5)	(4.0)	(2.0) (2.0)
		(2.5)	(2.5)
		(2.0)	(2.0)

		(2.0)	C	(2.0)			
		(2.0)		(2.0)			
		(3.5)		(2.0)	(1.5)		
		(2.5)		(1.0)	(1.5)		
		(10.5)		(4.5)	(6.0)		
		(15.5)		(7.0)	(3.0)	(3.0)	
(10.0)		(2.0)		(2.0)			
		(3.0)		(3.0)			
		(5.0)		(2.0)	(2.0)		
			Hot Topics in Energy and Chemical Engineering 1.0				
(38.0)		(6.5)		(2.0)	(2.0)	(1.0)	
		(3.5)		(1.5)	(1.0)	(1.0)	
	(28.0)		(7.0)		(2.0)	(1.0)	(1.0)
			(4.0)		(3.0)		
			(4.0)		(1.0)	(1.0)	(2.0)
			(7.0)		(7.0)		
			(8.0)		(8.0)		
	(2.0)		(2.0)				
10.0		(5.0)		(1.0)	1.0	(2.0)	1.0
		(5.0)		1.0	(2.0)	(2.0)	





CHE32402T                      CHE21501T CHE21502T                      CHE33401T  
    CHE34203T                      CHE47301E                      CHE46401T

														
	63.5	51.5	38.0	—	7.0	1.0	1.0	2.0	1.0	1.0	2.0	2.0	170.0	

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		63.5	ENG11400T	I	3.0	48	48	0	0	0	1	
			MAT13904T	A I	5.5	88	88	0	0	0	1	
			PHE10200T		2.0	36	36	0	0	0	1	
			PHE10001T	I	1.0	32	32	0	0	0	1	
			MXI11400E		3.0	48	32	0	0	16	1	
			HSS18000T		1.0	18	12	0	0	6	1	
			CHM11600T		4.0	64	64	0	0	0	1	
			CHM32200T		2.0	32	32	0	0	0	2	
			MXI12400E		3.0	48	32	0	0	16	2	
			ENG11401T	II	3.0	48	48	0	0	0	2	
			MAT13905T	A II	5.5	88	88	0	0	0	2	
			PHE10002T	II	1.0	32	32	0	0	0	2	
			PHY11600T	I	4.0	64	64	0	0	0	2	
			MXI21400E		3.0	48	32	0	0	16	4	
			ENG11402T	III	3.0	48	48	0	0	0	4	
			MAT11501T	A	3.5	56	56	0	0	0	4	
			PHE20000T	III	1.0	32	32	0	0	0	4	
			PHY21601T	II	4.0	64	64	0	0	0	4	
			MXI22800E		5.0	80	64	0	0	16	5	
			PHE20001T	IV	1.0	32	32	0	0	0	5	
		MAT25400T		3.0	48	48	0	0	0	5		
		MXI42H01E	I	0.5	32	16	0	0	16	1,2		
		MXI42H02E	II	0.5	32	16	0	0	16	4,5		
		MXI42H03E	III	0.5	32	16	0	0	16	7,8		
		MXI42H04E	IV	0.5	32	16	0	0	16	10,11		
		-	CSE24101C	Python	1.5	32	16	0	16	0	2	
			ENG11403T	IV	3.0	48	48	0	0	0	5	
			CSE14100C	VB	1.5	32	16	0	16	0	5	



		38	CHM11000L	C(I)	1.0	32	0	32	0	0	1	
			PHE19200P		2.0	2	0	0	0	2	1	
			CHM11001L	C(II)	1.0	32	2	30	0	0	2	
			MEE29101P		2.0	2	0	0	0	2	2	
			CHM13000L	B I	1.0	32	2	30	0	0	4	
			PHY11000L	I	1.0	32	0	32	0	0	4	
			CHE29303P		1.0	1	0	0	0	1	4	
			CHM14101L	B	1.5	48	1.5	48	0	0	5	
			PHY11001L	II	1.0	32	0	32	0	0	5	
			EEE29101P		1.0	1	0	0	0	1	7	
			CHE21000P		1.0	1	0	0	0	1	6	
			CHE21103L		1.5	48	0	48	0	0	5, 7	
			CHE32000L		1.0	32	0	32	0	0	7	
			CHE39000P		1.0	1	0	0	0	1	7	
			CHE39201P		2.0	2	0	0	0	2	8	
			CHE39000L		1.0	1	0	1	0	0	9	
			CHE39301P		3.0	3	0	0	0	3	10	
			CHE39A01P		7.0	14	6	14	0	0	10	
		CHE49A01P	( )	8.0	14	0	0	0	14	11		
		5.0										
		5.0										

ENG11400T		I		1		48				3.0
ENG11401T		II		2		48				3.0
ENG11402T		III		4		48				3.0
ENG11403T		IV		5		48				3.0
CHE20201T				8		32				2.0
		1		3		16				1.0
		2		3		16				1.0

CSE24101C	Python	2	32	1.5
CSE14204C	C	4	40	2.0
CSE14100C	VB	5	32	1.5
CHE20300C		5	48	2.5
CHE39000P		7	1	1.0
CHE39301P		10	1	1.0

CHE21000P		6	1	1.0
CHE37201C		7	40	2.0
CHE39201P		8	2	2.0
CHE47301E		8	48	2.5
CHE49A01P		10 11	14	8.0