			Course	1 st year 2 nd year 3 rd year 4 th year																
	Course	Credits	Hours	Fal			nσ	Fal	Fall Spring				1	Spri	Fall Spring				Note	
	0.04130		110415	class	lab	class		class		class			lab		lab	class		class		1,000
	Chinese Literature: Appreciation And Creative Writing I	2	2	2																
	Chinese Literature: Appreciation And Creative Writing II	2	2			2														
	Introduction of Artificial Intelligence	2	3																	
	Practical English 1	0	2	1	1															
	Practical English 2	0	2			1	1													
	Practical English 3	0	2					1	1											- - 1
Core Required	Practical English 4	0	2							1	1									
Courses	English for Business Communication 1	2	3									2	1							
	English for Business Communication 2	2	3											2	1					
	Practical English of Professionals 1	2	3													2	1			
	Practical English of Professionals 2	2	3															2	1	
	General Ed	12	12																	2
	Physical Education (I)~(IV)	0	8	2		2		2		2										
	Subtotal	26	47																	
	Concept of Computer Science	3	5	3	2															Computer course
	Programming Design I	3	5	3	2															Computer course
Professional	Calculus I	3	3	3																
Required Courses	Physics I	3	3	3						_				-				_		
_	Calculus II	3	3			3														
	Physics II	3	3	3																
	Electronic Circuits I	3	3			3														

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					1 st y					year		3 rd year					4 th y	/ear		
	Course	Credits	Hours	Fal		Spring		Fal		Spring		Fal		Spri	nσ	Fall		Spring		Note
				class	lab	class		class		class	lab		lab	class	lab	class		class	lab	
	Physics Laboratory	1	3			1	2													Practical course
	Digital Logic Design	3	3			3														
	Electronic Circuits II	3	3					3												
	Electronics I	3	3					3												
	Electromagnetics I	3	3					3												
	Engineering Mathematics I	3	3					3												
	Electronic Circuits Laboratory I	1	3					1	2											Practical course
	Digital System Design and Laboratory	3	3					3												Computer course
	Electronics II	3	3							3										
	Electronic Circuits Laboratory II	1	3							1	2									Practical course
	Introduction to Semiconductor Devices	3	3							3										Program core course
	Microprocessor Design and Laboratory	3	4							3	1									Computer course
	Project Research I	3	3											3						
	Project Research II	3	3													3				
	Subtotal	57	68																	
Total Required Course Credits (Electronic Engineering Department)		87																		
		Credits			1 st y				2 nd year					3 rd year			4 th year			
Elective Courses	Elective Courses		Hours	Fal		Spri		Fal		Spri		Fal		Spri		Fal		Spri		Note
Linear Algebra		3	3	class	lab	class	iab	class 3	lab	class	lab	class	lab	class	iab	class	lab	class	iab	
Probability and Statistics		3	3					3												
Simulation Program with Integrated Circuit																				
Emphasis (spice)		3	3							3										
Modern Physics			3							3										
Electromagnetics I	I	3	3							3										

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		Cours		1 st y				2 nd		8			vear			4 th y	ioor.		
Course	Credits	Hours	Fal		Spri	nα	Fal		Spri	nα	Fal		Spri	nα	Fa			ina	Note
Course		Hours	class	lab	class				class		class	lab	class	lab			class		Note
Engineering Mathematics II	3	3					2 - 11 - 1		3										
Electronic Circuits Laboratory III	1	3									1	2							Practical course
Introduction to VLSI Design	3	3									3								Computer course (Program cor course)
Computer Organization	3	3									3								
Electromagnetic Wave	3	3									3								
Optoelectronic Devices	3	3									3								
Solid State Electronics	3	3									3								Program cor course
Electronic Packaging Technology for Semiconductor Devices	3	3									3								
Introduction to Integrated Circuit Testing	3	3									3								
Process Cleanliness and Chemical Hazard Prevention	3	3									3								
Physical Education V	2	2									2								
Electronic Circuit Design	3	3											3						
Integrated Circuit Layout Design	3	3											3						Computer course
Introduction to Semiconductor Manufacturing Process	3	3											3						Program corcourse
Introduction to Electronic Materials	3	3											3						
Semiconductor Measurement	3	3											3						
Practical Integrated Circuit Test Programming	3	3											3						
Process and Safety Technology Assessment in High-Tech Industries	3	3											3						
Artificial Intelligence	3	3											3						
Introduction to Deep Learning	3	3											3						
Workplace English	3	3											3						
Optoelectronic Sensor Application Circuit Lab	3	3											3						
Physical Education VI	2	2											2						

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2nd vear 3rd year 4th year 1st vear Course Credits Hours Fall Spring Fall Spring Fall Spring Fall Spring Note class lab Process Safety Management and Practical 3 3 Applications 3 Internship 3 3 Practical of Electronics 3 3 3 Verilog Programming Design 3 FPGA/CPLD Design 3 3 Computer course Digital Integrated Circuit Design Introduction to Flat Display 3 3 3 Semiconductor Measurement Laboratory 3 3 Introduction to Semiconductor Reliability 3 3 3 Engineering NANO Electronic Devices 3 3 3 3 Power Devices 3 Physical Education VII Analog Integrated Circuit Design 3 3 3 3 High-Frequency Circuit Design 3 Power Integrated Circuit Design 3 3 3 3 Silicon Photonic Device Design Computer-Aided Semiconductor Design 3 3 Memory Devices 3 Advanced Internship 3 3 3 3 Practical Project of Electronics Physical Education VIII Subtotal Required 83 Course Credits Subtotal Elective Course **Grand Total** 45 Credits 128 Total

Graduation Requirements:

1. In accordance with the General Provisions for Study, undergraduate students need to satisfactorily complete Service Learning, meet the university-wide basic competencies of English, Information Technology, Chinese, and Sports, and pass the core competencies of their department

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- to be eligible for graduation.
- 2. Students who entered in and since the 2008-09 academic year need to complete at least 12 General Education course credits. General Education courses are divided into three areas: Humanities, Social Science, and Natural Science. Each area is divided into two subcategories: core and extended. Students need to take 1 two-credit course in both of the subcategories within each area to be eligible for graduation. Only 12 course credits will be counted toward graduation. Additional course credits earned in General Education courses are not counted toward graduation.
- 3. Only 20 credits at most from other departments can be counted by department. Professional courses given by departments of IT school or joint courses with IT school can be treated as elective courses from other departments. For non-IT professional courses, only those approved by the chairman of department during elective period can be treated as elective courses from other departments.
- 4. When retaking the required course, for only senior students can choose those which are with the same course name or the same course content as substitutions under the approval of the department chair. These courses can be regarded as their graduation credits.
- 5. Students must select at least 3 out of 4 core courses in the elective course group.
- 6. Students can choose the courses from the master program, which can be counted as their graduation credits.
- 7. Education credits cannot be counted as the graduation credits.
- 8. Credits from interdisciplinary programs not listed in the graduation framework can be recognized as credits from other departments.