2012 Undergraduate Curriculum for Electronic Information Engineering（Ⅰ）

Course Number	Course Title	Assessment	Credits	Total Hrs	Lec	Lab	Practice	Recitation	1 (19W)	I (0W)	2 (18W)	II (3W)	3 (19W)	III (0W)	4 (18W)	IV (3W)	5 (19W)	V (0W)	6 (18W)	VI (3W)	7 (19W)	VII (0W)	8 (16W)	Responsible Unit
0000295	Fundamentals of National Defense	General Assessment	2	32	32							2												Students' Affairs Office
0000732	Ethical Conduct and Fundamentals of Law	General Assessment	3	48	32		16		3															Department of Basic Science
0000733	Modern Chinese History	General Assessment	2	32	32						2													Department of Basic Science
0000735	Introduction to Philosophy	General Assessment	3	48	48								3											Department of Basic Science
0001416	Fundamentals of Chinese Sociology	General Assessment	4	64	48		16								4									Department of Basic Science
0001251	College English (Band One)	Exam	4	64	64				4															Department of Basic Science
0001252	College English (Band Two)	Exam	4	64	64						4													Department of Basic Science
0000067	College English (Band Three)	Exam	4	64	64								4											Department of Basic Science
0000068	College English (Band Four)	Exam	4	64	64										4									Department of Basic Science
0000442	Physical Education-1	General Assessment	1	32	32				1															Department of Basic Science
0000447	Physical Education-2	General Assessment	1	32	32						1													Department of Basic Science
0000448	Physical Education-3	General Assessment	1	32	32								1											Department of Basic Science
0000449	Physical Education-4	General Assessment	1	32	32										1									Department of Basic Science
0000141	Calculus (Engineering)-1	Exam	5.5	99	64			35	5.5															Department of Basic Science
0000142	Calculus (Engineering)-2	Exam	5.5	99	64			35			5.5													Department of Basic Science
0000505	Linear Algebra (Engineering)	Exam	3	54	48			6			3													Department of Basic Science
0001494	Complex Variables and Integral Transforms	General Assessment	2	36	36								2											Department of Basic Science
0000133	Probability and Statistics (Engineering)	General Assessment	3	54	50			4					3											Department of Basic Science
0000064	University Physics -1	Exam	4	64	64						4													Department of Basic Science
0000065	University Physics -2	Exam	4	64	64								4											Department of Basic Science
University Requirements		**Sub-total**	**61**	**1078**	**966**	**0**	**32**	**80**	**13.5**	**0**	**19.5**	**2**	**17**	**0**	**9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
0001424	Freshmen Seminar Course	General Assessment	1	16	16				1															Department of Electronic Information

Course Number	Course Title	Assessment	Credits	Instruction Hour Allocation					Credits Distribution for Semesters															Responsible Unit
				Total Hrs	Lec	Lab	Practice	Recita-tion	1	I	2	II	3	III	4	IV	5	V	6	VI	7	VII	8	
									19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	16 W	
0000095	Electronic Technical Introduction	General Assessment	2.5	40	32	8			2.5															Department of Electronic Information
0000726	Advanced Language Programming I	General Assessment	3.5	56	40	16					3.5													Department of Electronic Information
0000083	Fundamentals of Circuits Analysis I	Exam	4.5	72	56	16							4.5											Department of Electronic Information
0000430	Digital Electronics I	Exam	3.5	56	56								3.5											Department of Electronic Information
0001375	Analog Electronics I	Exam	4	64	64										4									Department of Electronic Information
0000483	Computer Principle & Interface Technique	Exam	4	64	44	20									4									Department of Electronic Information
0001330	Signals and Systems-1 (Chinese/English)	Exam	4	64	56	8									4									Department of Electronic Information
0000452	Circuit and Theory of Communication	Exam	4.5	72	64	8											4.5							Department of Electronic Information
0001507	Digital Signal Processing I	Exam	3.5	56	48	8											3.5							Department of Electronic Information
0001082	Data Structure II	General Assessment	3.5	56	40	16											3.5							Department of Electronic Information
0000737	Communication Systems Principles	Exam	3.5	56	48	8													3.5					Department of Electronic Information
	Discipline Requirements	**Sub-total**	**42**	**672**	**564**	**108**	**0**	**0**	**3.5**	**0**	**3.5**	**0**	**8**	**0**	**12**	**0**	**11.5**	**0**	**3.5**	**0**	**0**	**0**	**0**	
0000296	Practices of National Defense	General Assessment	1	30			30					1												Department of Information Engineering
0001227	Practices of National Defense	General Assessment	3	90			90		3															Students' Affairs Office
0001421	Course Design of Advance Language Programming I	General Assessment	1	24		24							1											Department of Information Engineering
0000954	Physics Laboratory -1	General Assessment	1	30			30						1											Department of Basic Science
0001509	Machine Shop Training A	General Assessment	1	30			30						1											College of Mechanical Engineering and Applied Electronics
0001423	Physics Laboratory -2	General Assessment	1.5	36		36									1.5									Department of Basic Science
0000429	Digital Circuit Experiments	General Assessment	1	24		24									1									Department of Information Engineering
0000334	Analog Circuit Experiments	General Assessment	1	24		24										1								Department of Information Engineering
0007069	Social Practices	General Assessment	2	48			48									2								Department of Basic Science
0001331	Electronic Circuit Design	General Assessment	2	60			60									2								Department of Information Engineering
0000366	Cognitive Practice	General Assessment	1	30			30									1								Department of Information Engineering
0001088	Electronic Engineering Design -1	General Assessment	2	60			60										2							Department of Information Engineering

Course Number	Course Title	Assessment	Credits	Instruction Hour Allocation					Credits Distribution for Semesters															Responsible Unit
				Total Hrs	Lec	Lab	Practice	Recita-tion	1 (19W)	I (0W)	2 (18W)	II (3W)	3 (19W)	III (0W)	4 (18W)	IV (3W)	5 (19W)	V (0W)	6 (18W)	VI (3W)	7 (19W)	VII (0W)	8 (16W)	
0001089	Electronic Engineering Design -2	General Assessment	2	60			60													2					Department of Information Engineering
0001352	Comprehensive Design of Electronic Information System	General Assessment	2	60			60															2			Department of Information Engineering
0001332	Engineering Practice	General Assessment	3	90			90															3			Department of Information Engineering
0001418	Professional Practice	General Assessment	4	120			120														4				Department of Information Engineering
0000026	Senior Project	General Assessment	16	480			480																	16	Department of Information Engineering
Practical Requirements		**Sub-total**	**44.5**	**1296**	**0**	**108**	**1188**	**0**	**3**	**0**	**3**	**1**	**2.5**	**0**	**1**	**5**	**2**	**0**	**2**	**6**	**3**	**0**	**16**	
Discipline Electives			5	80	80												2		3					
Major Requirements			11	176	176												2		4		5			
Major Electives			4	64	64												2				2			
GEESEM:EM			8	128	128												2		2		4			
General Education Electives			10	160	160												4		4		2			
Electives		Sub-total	38	608	608	0	0	0	0	0	0	0	0	0	0	0	12	0	13	0	13	0	0	
Total for Theoretical Instruction			141	2358	2138	108	32	80	17	0	23	2	25	0	21	0	23.5	0	16.5	0	13	0	0	
Total for Practical Instruction			44.5	1296	0	108	1188	0	3	0	3	1	2.5	0	1	5	2	0	2	6	3	0	16	
Innovation Requirements			4	96			96												2		2			
Total			**189.5**	**3750**	**2138**	**216**	**1316**	**80**	**20**	**0**	**26**	**3**	**27.5**	**0**	**22**	**5**	**25.5**	**0**	**20.5**	**6**	**18**	**0**	**16**	

Notation: GEESEM:EM is the abbreviation for General Education Electives for Science and Engineering Majors: Economics and Management.

GEESEM:M is the abbreviation for General Education Electives for Science and Engineering Majors: Mathematics.

2012 Undergraduate Curriculum for Electronic Information Engineering (Ⅱ)

Course Number	Course Title	Assessment	Credits	Instruction Hour Allocation					Credits Distribution for Semesters															Responsible Unit
				Total Hrs	Lec	Lab	Practice	Recita-tion	1 (19W)	I (0W)	2 (18W)	II (3W)	3 (19W)	III (0W)	4 (18W)	IV (3W)	5 (19W)	V (0W)	6 (18W)	VI (3W)	7 (19W)	VII (0W)	8 (16W)	
0001134	VHDL and Digital System Design	General Assessment	2	32	16	16													2					Department of Information Engineering
0001133	Matlab Language	General Assessment	2	32	8	24											2							Department of Information Engineering
0001354	C Language for MPU and Applications	General Assessment	3	48	16	32											3							Department of Information Engineering
0000695	Basic of Multimedia and Streaming Media Technology(Chinese/English)	General Assessment	2	32	20	12											2							Department of Information Engineering
0001355	Design of Electronic Circuit System	General Assessment	3	48	24	24											3							Department of Information Engineering
0001356	Automotive Electronics and Sensor Technology	General Assessment	2	32	32												2							Department of Information Engineering
0000769	Video Technology and Applications	General Assessment	3	48	32	16													3					Department of Information Engineering
0000432	Digital Image Processing	General Assessment	3	48	32	16													3					Department of Information Engineering
0000081	Electromagnetic Field and Microwave	Exam	3	48	48														3					Department of Information Engineering
0000091	Electronic Measurement and Intelligent Instruments	General Assessment	3	48	36	12															3			Department of Information Engineering
Discipline Electives		**Sub-total**	**26**	**416**	**264**	**152**																		
0001226	Basic of Random Signal Analysis	General Assessment	2	32	24	8											2							Department of Information Engineering
0001402	Java Language	General Assessment	3	48	16	32											3							Department of Information Engineering
0001357	Principles of Automobile Structure	General Assessment	4	64	64												4							Department of Information Engineering
0000010	DSP Technology and Applications	General Assessment	2	32	16	16													2					Department of Information Engineering
0001358	Information Theory	General Assessment	2	32	32														2					Department of Information Engineering
0001083	Video Surveillance Technology	General Assessment	2	32	32														2					Department of Information Engineering
0001359	Automotive Bus Control	General Assessment	4	64	64														4					Department of Information Engineering
0001200	Electronic Competition Training	General Assessment	3	48	8	40													3					Department of Information Engineering
0001194	Basic of Voice Signal Processing (Chinese/English)	General Assessment	2	32	32																2			Department of Information Engineering
0001225	Basic of Digital Mobile Communication	General Assessment	2	32	24	8															2			Department of Information Engineering
0001224	Introduction to Electronic Product Reliability Engineering	General Assessment	2	32	16	16															2			Department of Information Engineering

Course Number	Course Title	Assessment	Credits	Instruction Hour Allocation						Credits Distribution for Semesters																Responsible Unit
				Total Hrs	Lec	Lab	Practice	Recita-tion		1	I	2	II	3	III	4	IV	5	V	6	VI	7	VII	8	
										19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	16 W	
0000357	Embedded System Design and Practice	General Assessment	3	48	16	32																3			Department of Information Engineering
	Major Requirements	Sub-total	31	496	344	152																			
0000742	Principle & Application of Database	General Assessment	2.5	40	24	16												2.5							Department of Information Engineering
0000248	Principle & Application of Computer Network	General Assessment	3	48	32	16												3							Department of Information Engineering
0001086	Computer Network Security	General Assessment	2	32	32													2							Department of Information Engineering
0000597	Principles of Automatic Control	General Assessment	2	32	32													2							Department of Information Engineering
0000299	Technology Document Retrieval and Applications (self-learning)	General Assessment	2	32	32																	2			Department of Information Engineering
0000575	Basic of Intelligent Control	General Assessment	2	32	24	8																2			Department of Information Engineering
0001337	Signal and System-2	General Assessment	2	32	32																	2			Department of Information Engineering
0001087	Structure and Process Design of Electronic Products	General Assessment	2	32	32																	2			Department of Information Engineering
	Major Electives	Sub-total	17.5	280	240	40																			

Vice-Director:

Date:

Vice-President:

Date: