Appendix B-1 Course schedule for electronic information engineering major

order numb	curriculum	Course category	Course code	course title	type	the Chinese	ECTS credit	touch class	study on ones	examine way	school begins	remarks
1	obligatory	liberal education	9123311011	Ideological and moral education and the rule of law	L&P	3	3	48	4 2	examination	one	
2	obligatory	liberal education	9124311041	Essentials of Chinese Modern History	L&P	3	3	48	4 2	examination	two	
3	obligatory	liberal education	9121311021	Basic principles of Marxism	L&P	3	3	48	4 2	examination	three	
4	obligatory	liberal education	9122311021	An overview of MAO Zedong Thought and the theoretical system of	L&P	5	5	80	7 0	examination	four	
5	obligatory	liberal education	9122311071	An overview of Xi Jinpings Thought on Socialism with Chinese Characteristics for a New Era	L&P	3	3	48	42	examination	six	9-16 weeks
6	obligatory	liberal education	9125111050	Situation and Policy (1) - (8)	L	2	2	32	2 8	examine	I-VIII	a course of lectures (4 hours per semester)
7	obligatory	liberal education	9061111010	Literature search and paper writing	L	1	1	16	14	examine	six	
8	obligatory	liberal education	9181311010	Mental health education for college students	L&P	1	1.5	32	13	examine	I / II	Practice was completed in the first year
9	obligatory	liberal education	9151311010	Career development and employment guidance for college students (1)	L&P	0.5	1	16	14	examine	four	a course of lectures
10	obligatory	liberal education	9151311020	Career development and employment guidance for college students (2)	L&P	0.5	1	12	18	examine	six	a course of lectures
11	obligatory	liberal education	9163311010	Innovation and entrepreneurship foundation	L&P	1	1.5	32	13	examine	two	
12	obligatory	liberal education	9182311020	Military theory for college students	L&P	2	2	36	2 4	examine	two	
13	obligatory	liberal education	9063311011	College students computer foundation	L&P	1.5	1.5	32	13	examination	one	
14	obligatory	liberal education	9103811010	University Physical Education and Health (1)	L&P	1	1.5	32	13	examine	one	The practical class is a morning run class
15	obligatory	liberal education	9103811020	University Physical Education and Health (2)	L&P	1	1.5	32	13	examine	two	The practical class is a morning run class
16	obligatory	liberal education	9103811030	University Physical Education and Health (3)	L	0.5	1	20	10	examine	three	

17	obligatory	liberal education	9103811040	University Physical Education and Health (4)	L	0.5	1	20	10	examine	four	
Total 1						**29.5**	**33.5**	**584**	**421**			
18	obligatory	foreign language	9054311011	College English (1)	L	2.5	2.5	40	35	examination	one	
19	obligatory	foreign language	9054311021	College English (2)	L	3.5	3.5	56	49	examination	two	
20	obligatory	foreign language	9054311031	University English Extension Series (1)	L	1.5	1.5	24	21	examination	three	Those who have passed level 6 can apply for
21	obligatory	foreign language	9054311041	University English Extension Series (2)	L	1.5	1.5	24	21	examination	four	Those who have passed level 6 can apply for
Total 2						**9**	**9**	**144**	**126**			
22	obligatory	Mathematical	9092112011	Advanced Mathematics A (1)	L	4.5	4.5	72	63	examination	one	
23	obligatory	Mathematical	9092112021	Advanced Mathematics A (2)	L	5	5	80	70	examination	two	
24	obligatory	Mathematical	9092112051	linear algebra	L	2	2	32	28	examination	three	
25	obligatory	Mathematical	9061112041	complex function	L	3	3	48	42	examination	five	
26	obligatory	Mathematical	9092112061	Probability theory and mathematical statistics	L	2.5	2.5	40	35	examination	four	
27	obligatory	Mathematical	9063112041	discrete mathematics	L	3	3	48	42	examination	three	
28	obligatory	Mathematical	9065112041	University Physics B (1)	L	3.5	3.5	56	49	examination	two	
29	obligatory	Mathematical	9065112051	University Physics B (2)	L	3.5	3.5	56	49	examination	three	
30	obligatory	Mathematics and	9065212030	University physics experiments	P	0.5	1	16	14	examine	three	

Total 3						**27.5**	**28**	**448**	**392**			
31	obligatory	Engineering	9063313061	C language programming	L&P	4	4	80	40	examination	one	Science and engineering majors
32	obligatory	Engineering	9061112010	Introduction to electronic information engineering	L	1	1	16	14	examine	one	
33	obligatory	Engineering	9061313211	circuit analysis	L&P	3.5	4	64	56	examination	two	
34	obligatory	Engineering	9061313021	Analog electronic technology	L&P	4	5	72	78	examination	three	
35	obligatory	Engineering	9061313231	Digital electronic technology	L&P	3.5	4	56	64	examination	four	
36	obligatory	Engineering	9061313051	Signals and Systems	L&P	4	5	72	78	examination	five	
37	obligatory	Engineering	9062313021	Communication Fundamentals	L&P	3	4	48	72	examination	six	
38	obligatory	Engineering	9065113011	Electromagnetic field and electromagnetic wave	L	3	3	48	42	examination	five	
39	obligatory	Engineering	9063313081	data structure	L&P	4	5	80	70	examination	two	
Total: 4						**30**	**35**	**536**	**514**			
40	obligatory	engineering application	9061313221	C++ Programming	L&P	2.5	3.5	48	57	examination	there	
41	obligatory	engineering application	9061312030	PCB design and drawing ●	L&P	1.5	2	32	28	examine	five	● is a school-enterprise cooperation course
42	obligatory	engineering application	9061312040	Modern sensor and detection technology ●	L&P	2	3	40	50	examine	six	● is a school-enterprise cooperation course
43	obligatory	engineering application	9061313061	High frequency electronic circuits	L&P	3	4	56	64	examination	five	
44	obligatory	engineering application	9061313081	digital signal processing	L&P	3	4	48	72	examination	six	

45	obligatory	engineering application	9061313171	Principle and Application of Microcontroller ●	L&P	3	4	56	64	examination	four	● is a school-enterprise cooperation course
Total: $5						**15**	**20.5**	**280**	**335**			
46	take as an elective	Self-development	9061324010	STM32 Electronic System Design and Engineering Application ■	L&P	1.5	3	32	58	examine	five	Choose at least 9 credits. The course name with ● is the school-enterprise cooperation course. ■ Characteristic courses
47	take as an elective	Self-development	9061324020	FPGA Principles and Applications ●	L&P	2.5	4	48	72	examine	six	
48	take as an elective	Self-development	9061324130	Principles and Applications of Embedded Systems ●	L&P	3.5	5	64	86	examination	five	
49	take as an elective	Self-development	9061324040	DSP technology and application ●	L&P	2.5	3.5	48	57	examine	six	
50	take as an elective	Self-development	9061324050	Principle of automatic control	L&P	2.5	3	48	42	examine	five	
51	take as an elective	Self-development	9061324060	PLC principle and application ●	L&P	2.5	3.5	48	57	examine	seven	
52	take as an elective	Self-development	9061324070	Robot development ●	L&P	2.5	4	48	72	examine	six	
53	take as an elective	Self-development	9061324080	Embedded Linux Programming ●	L&P	1.5	3	32	58	examine	seven	
54	take as an elective	Self-development	9061312010	Electronic integrated design ●■	L&P	2	3	40	50	examine	six	
55	take as an elective	Self-development	9061313041	Microcomputer principle and interface technology	L&P	3	3	48	42	examination	three	
56	take as an elective	Self-development	9061313311	Deep learning technology	L&P	2.5	4	48	72	examine	seven	
57	take as an elective	Self-development	9171824020	Humanities and social sciences	L	2	2	32	28	examine	three	Natural science majors should choose 2 credits of humanities and social sciences, art and physical education, and innovation and entrepreneurship
58	take as an elective	Self-development	9171824030	Art and physical education	L	2	2	32	28	examine	four	
59	take as an elective	Self-development	9163311020	Innovation and entrepreneurship	L&P	2	3	64	2 6	examine	seven	

60	take as an elective	Self-development		Others (1)	L	2	2	32	28	examine	six	Other self-developed courses (including cultural quality education and cross-disciplinary elective courses) should
61	take as an elective course	Self-development		Others (2)	L	2	2	32	28	examine	seven	
Total: $6						**20**	**27**	**384**	**426**			
62	obligatory	Concentrated practice	9132311030	Admission education and military training	L&P	**3**	4	3 weeks	24	examine	one	It doesnt count for credits,
63	obligatory	Concentrated practice	9133315010	Public welfare labor	P	1	2	1 week (32 hours)	28	examine	five	disperse
64	obligatory	Concentrated practice	9141315010	Social practice and volunteer service	P	1	2	1 week	28	examine	seven	vacation
65	obligatory	Concentrated practice	9061615010	Electronics technology internship and electronic product assembly and	P	1	2	1 week	28	examine	one	● is the practical part of school-enterprise
66	obligatory	Concentrated practice	9061615020	Simulation and development of integrated practical training of unit	P	1	2	1 week	28	examine	three	● is the practical part of school-enterprise
67	obligatory	Concentrated practice	9061615030	Digital unit circuit simulation and development comprehensive practical	P	1	2	1 week	28	examine	four	● is the practical part of school-enterprise
68	obligatory	Concentrated practice	9162715010	Metalworking practice A	P	1	2	1 week	58	examine	four	General engineering majors
69	obligatory	Concentrated practice	9161715010	Electrical and Electronic Training A	P	1	2	1 week	58	examine	one	Non-mechanical and electrical majors
70	obligatory	Concentrated practice	9061415010	Integrated practical training of microcontroller system ●	P	1	3	1 week	58	examine	four	● is the practical part of school-enterprise
71	obligatory	Concentrated practice	9061615040	Electronics system engineering practice and internship ●	P	1	3	1 week	58	examine	five	● is the practical part of school-enterprise
72	obligatory	Concentrated practice	9061615070	Embedded system comprehensive practical training and practice ●	P	1	3	1 week	58	examine	six	● is the practical part of school-enterprise
73	obligatory	Concentrated practice	9061615060	graduation field work ●	P	12	18	12 weeks	156	examine	seven	● is the practical part of school-enterprise

74	obligatory	Concentrated practice	9061815010	graduating education	L	**1**	2	1 week	28	examine	eight	It does not count for credits
Total 7						**26**	**4 7**	**26 weeks**	**578**			
75	obligatory	Graduation thesis/desig	9061515010	Graduation comprehensive training	L&P	14	30	14 weeks	452	examine	eight	
Total 8						**14**	**30**	**14 weeks**	**452**			
amount to						**171**	**23 0**	**3656**	**3 244**			

(L-Lecture,P-Practice)