No.	Course	Semester	Credits	Grades	Course Type
1	Military training	2017-2018-1	2	A	DegreeCourse
2	Thought Morals Accomplishment and Basic Law	2017-2018-1	2.5	B	DegreeCourse
3	Fundamentals of Computer Programming	2017-2018-1	3.5	85	DegreeCourse
4	Linear Algebra	2017-2018-1	3	90	DegreeCourse
5	College English, Speaking(1)	2017-2018-1	2	100	DegreeCourse
6	Health Education	2017-2018-1	1	A	DegreeCourse
7	Mental Health Education of College Students (1)	2017-2018-1	1	A	DegreeCourse
8	English (I)	2017-2018-1	3	96	DegreeCourse
9	Art of Choral Music (Specially Enrolled)	2017-2018-1	4	A	OptionalCourse
10	Introduction to Major and Career Planning	2017-2018-1	1	B	DegreeCourse
11	Physical Education Ⅰ	2017-2018-1	0.75	88	DegreeCourse
12	Entrance education	2017-2018-1	1	P	DegreeCourse
13	Advanced Mathematics①(I)	2017-2018-1	5	90	DegreeCourse
14	Situation and Policy (1)	2017-2018-2	1	A	DegreeCourse
15	Physical Education Ⅱ	2017-2018-2	0.75	89	DegreeCourse
16	Discrete Mathematics	2017-2018-2	4	93	DegreeCourse
17	Introduction to Physics	2017-2018-2	3.5	97	DegreeCourse
18	English (II)	2017-2018-2	3	92	DegreeCourse
19	Outline of Modern Chinese History	2017-2018-2	2	A	DegreeCourse
20	College English, Speaking(2)	2017-2018-2	2	100	DegreeCourse
21	Object-Oriented Programming and Design	2017-2018-2	3	83	DegreeCourse
22	Advanced Mathematics①(II)	2017-2018-2	5	96	DegreeCourse
23	Practice for Object-Oriented Programming and Design	2017-2018-2	2	91	DegreeCourse
24	Probability Theory and Mathematical Statistics	2018-2019-1	3.5	98	DegreeCourse
25	Practice for Data Structures and Algorithms	2018-2019-1	2	95	DegreeCourse
26	Data Structures and Algorithms	2018-2019-1	4	95	DegreeCourse
27	Operating Systems	2018-2019-1	2.5	99	DegreeCourse
28	Physical Education Ⅲ	2018-2019-1	0.75	89	DegreeCourse
29	Python Programming and Design	2018-2019-1	3	95	OptionalCourse
30	Principles of Computer Organization	2018-2019-1	4	92	DegreeCourse
31	Technical Communication for Computer Scientists	2018-2019-1	2.5	96	OptionalCourse
32	Introduction to Environment	2018-2019-1	1.5	100	OptionalCourse
33	Philosophical Principle of Marxism	2018-2019-1	2.5	95	DegreeCourse
34	Introduction to Telecommunications	2018-2019-1	2	95	OptionalCourse
35	Algorithms Analysis and Design	2018-2019-2	2.5	97	OptionalCourse
36	Situation and Policy (2)	2018-2019-2	0.5	P	DegreeCourse
37	Cross-Cultural Association & Exotic Sentiment	2018-2019-2	2	A	OptionalCourse
38	Introduction to Database	2018-2019-2	2.5	100	DegreeCourse
39	Physical Education Ⅳ	2018-2019-2	0.75	95	DegreeCourse
40	Numerical Analysis	2018-2019-2	3.5	86	DegreeCourse
41	Practice of Ideological and Political Theory Course	2018-2019-2	2.5	A	DegreeCourse
42	College German	2018-2019-2	2	93	OptionalCourse
43	Military Theory	2018-2019-2	1	96	DegreeCourse
44	C++ Programming	2018-2019-2	3	98	OptionalCourse
45	Software Innovation Approaches and Case Studies	2018-2019-2	2	95	DegreeCourse
46	Computer Networks	2018-2019-2	3	78	DegreeCourse
47	Introduction to Software Engineering	2018-2019-2	2.5	96	DegreeCourse
48	Key Technologies of Cloud Computing	2019-2020-1	2	97	OptionalCourse

49	Mao's Thought and the theoretical system of socialism with Chinese characteristics Introduction	2019-2020-1	5	89	DegreeCourse
50	Automotive Software Engineering	2019-2020-1	2	98	OptionalCourse
51	Software Quality Assurance and Testing	2019-2020-1	2	95	DegreeCourse
52	Software Project Management and Process Improvement	2019-2020-1	2	97	DegreeCourse
53	Software Requirements Analysis and Design	2019-2020-1	4	99	DegreeCourse
54	Big Data Technology	2020-2021-1	2	99	OptionalCourse

Title of Graduation Design(Thesis):

GPA	4.3452	Note	1.Hundred mark system:(0-100) 2.Two-grade marking system:P(80),F(0) 3.Five-grade marking system:A(95),B(85),C(75),D(65),F(0) 4.For more details on GPA calculation see:http//aao.neu.edu.cn/ 5.The grade marked with an asterisk(△) indicates that the course has been repeated