

4-Year Course Plan (2017 Intake)
Bachelor's Degree – Computer Science and Technology (Internet Finance) Program
between Beijing Institute of Technology, Zhuhai (BITZH) &
Pace University

Semester 1, Year 1 (at BITZH)	Credit(s)	Semester 2, Year 1 (at BITZH)	Credit(s)
ENGL1080 Composition	3	ENGL1090 Critical Writing	4
MATH1010 Calculus I	4	MATH1020 Calculus II	4
COMP1010 Computer Programming I	4	COMP1020 Computer Programing II	4
COMP1030 Math Structures for Computer Science	4	ECON1010 Macroeconomic Principles	3
ECON1020 Microeconomic Principles	3	CHIL1010 Chinese Culture through the Arts	3
HIST1010 Outline of Modern Chinese History	2	PSYC1010 Modern Psychology	1
POLS1020 Current Social Challenges and Policies	2	POLS1090 Ethics and Law	3
PEDU1010 Physical Education 1 (A)	1	PEDU1020 Physical Education 1 (B)	1
WPEE1030 Experiential Learning I*	1	ENGL1050 Conversational English I	2
WPEE1040 Experiential Learning II*	1	--	--
Total	25	Total	25

To be taken immediately after the final exam period in semester 1, year 1.

Semester 1, Year 2 (at BITZH)	Credit(s)	Semester 2, Year 2 (at BITZH)	Credit(s)
ENGL2050 Writing in the Disciplines	3	ENGL2060 Public Speaking	3
ENGL1070 Conversational English II	2	STAT2010 Introduction to Probability & Statistical Analysis	4
MATH1030 Linear Algebra	4	FIN2040 Introduction to Internet Finance	3
FIN2010 Money and Banking	3	FIN2050 Risk Management in Internet Finance	3
FIN2020 Financial Modeling	3	FIN2060 Financial Instruments and Internet Financial Market	3
FIN2030 Financial Engineering	3	PEDU2020 Physical Education 2 (B)	1
POLS1100 Western Political Science	3	POLS1080 Chinese Political Science	4
WPEE1010 Community Policy, Management, Leadership and Services	2	CHIL1020 Modern Chinese Society	3
PEDU2010 Physical Education 2 (A)	1	--	-
Total	24	Total	24

Semester 1, Year 3 (at Pace)	Credit(s)	Semester 2, Year 3 (at Pace)	Credit(s)
CS 232 Computer Organization	4	CS 312 Research Methods in Computing	3
CS 241 Data Structures and Algorithms	4	CS 387 Database Design	4
CS 271 Fundamentals of UNIX and C Programming	2	PHY 112 General Physics II	4
PHY 111 General Physics I	4	Free Elective	4
Free Elective	3	--	--
Total	17	Total	15

Semester 1, Year 4 (at Pace)	Credit(s)	Semester 2, Year 4 (at Pace)	Credit(s)
CS 371 Operating Systems & Architecture	4	CS 361 Programming Languages & Implementation	4
CS 389 Software Engineering	4	CS 608 Algorithms and Computing Theory	3
CS 488 Computer Networks and the Internet	4	CS 610 Introduction to Parallel and Distributed Computing	3
Free Elective	3	CS 612 Concepts and Structures in Internet Computing	3
BS Elective	3	Free Elective	3
Students are encouraged to take any career development course offered at Pace.	--	Students may take additional credits in this semester to make up any credit or GPA deficiency.	--
Total	18	Total	16

Notes:

1. In implementing the above course plan, the course sequencing may be subject to slight change. Some of the courses may be taken during the summer session.
2. If adjustment to this plan is needed, consult the Program Director at BITZH or an academic advisor at Pace.
3. After fulfilling the relevant graduation requirements, graduates will be awarded with a Bachelor of Science in Computer Science degree by Pace University and a Bachelor of Engineering in Computer Science and Technology (Internet Finance) degree by Beijing Institute of Technology, Zhuhai.

Remark: Dual degrees are applicable only to those who were recruited via the Chinese national college admission schemes (e.g. National College Entrance Examinations).

4. The course plan for the fifth-year master's degree program is not listed here. Please visit Pace University official website <http://www.pace.edu/> for details.