

4-Year Course Plan (2017 Intake)
Bachelor's Degree – Applied Statistics (Financial Statistics) Program
Beijing Institute of Technology, Zhuhai (BITZH)

Semester 1, Year 1 (at BITZH)	Credit(s)	Semester 2, Year 1 (at BITZH)	Credit(s)
MATH1040 Calculus I	3	MATH1050 Calculus II	3
ENGL1080 Composition	3	ENGL1090 Critical Writing	4
MATH1070 Linear Algebra I	3	ENGL1050 Conversational English I	2
ECON1020 Microeconomic Principles	3	MATH1080 Linear Algebra II	3
POLS1090 Ethics and Law	3	ECON1010 Macroeconomics Principles	3
PSYC1010 Modern Psychology	1	STAT1020 Introduction to Business Statistics	3
PEDU1010 Physical Education 1 (A)	1	HIST1010 Outline of Modern Chinese History	2
WPEE1030 Experiential Learning I*	1	POLS1020 Current Social Challenges and Policies	2
WPEE1040 Experiential Learning II*	1	PEDU1020 Physical Education 1 (B)	1
Total	19	Total	23

* 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
COMP1040 Introduction to Information Technology	3	STAT2040 Regression Analysis	3
STAT2060 Statistics and Probability	3	STAT2050 Stochastic Process	3
FIN2100 Theory of Finance	3	STAT2030 Introduction to Database	3
Free Elective	3	Major Elective	3
POLS1080 Chinese Political Science	4	Free Elective	3
PEDU2010 Physical Education 2 (A)	1	PEDU2020 Physical Education 2 (B)	1
WPEE1010 Community Policy, Management, Leadership and Services	2	POLS1100 Western Political Science	3
ENGL1070 Conversational English II	2	--	--
Total	24	Total	22

Semester 1, Year 3 (at BITZH)	Credit(s)	Semester 2, Year 3 (at BITZH)	Credit(s)
STAT3080 Optimization	3	CADG2010 Entrepreneurship and Career Development	2
FIN3060 Principles of Investments	3	FIN4060 Introduction to Financial Derivatives	3
STAT3040 Multivariate Statistical Analysis	3	STAT3050 Time Series and Financial Modeling	3
STAT3070 Introduction to Statistics Software	3	FIN4010 Financial Risk Management	3
STAT3060 Theory of Interest	3	BUS2010 Business Ethics	3
Major Elective	3	Major Elective	3
Total	18	Total	17

Semester 1, Year 4 (at BITZH)	Credit(s)	Semester 2, Year 4 (at BITZH)	Credit(s)
STAT4020 Final Year Project	3	Major Elective	3
Major Electives	6	Free Elective	3
Free Electives	6	Students may take additional credits in this semester to make up any credit or GPA deficiency.	--
Total	15	Total	6

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.
3. After fulfilling the relevant graduation requirements, graduates will be awarded with a Bachelor of Science in Applied Statistics (Financial Statistics) degree by Beijing Institute of Technology, Zhuhai.
4. The course plan for the fifth-year master's degree program is not listed here. Please visit Georgetown University's official website <https://www.georgetown.edu/> for details.