APPENDIX A
CPU and NJIT Course Matching and Equivalencies Checklist
For NJIT FinTech B.S. Program

Note: 'Y' is for Academic Year; 'S' is for Semester. For example, 1Y2S is 'first year, second semester.

CPU Courses	Credit	When to be taken at CPU	NJIT Courses	Credit	When to be taken at NJIT
BA 105 Accounting 1	3	1Y1S	ACCT 115 Fundamentals of Financial Accounting	3	
PT 231 Roadmap to Computing	3	1Y1S	CS 103 Computer Science with Business Problems	3	
GE 101 English Writing and Composition	3	1Y1S	HUM 101 English Composition: Writing, Speaking, Thinking I	3	
MA102 Calculus II	3	1Y1S	MATH 135 Calculus for Business	3	
			MGMT 190 Introduction to Business	3	4Y1S
PT 235 Introduction to Computer Science	3	1Y2S	CS 113 Introduction to Computer Science I	3	
Elective Data Analytics	3	1Y2S	MGMT 116 Quantitative Analysis Appl Bus with Lab	3	
BA 444 Macroeconomics	3	1Y2S	ECON 266 Macroeconomics	3	
GE 102 English Composition: Writing for Research	3	1Y2S	HUM 102 English Composition: Writing, Speaking, Thinking II	3	
BA 210 Business Law 1	3	1Y2S	MGMT 290 Business Law I	3	
Elective Introduction to Management Information Systems	3	2Y1S	MIS 245 Introduction to Management Information Systems	3	
BA 444 Microeconomics	3	2Y1S	ECON 265 Microeconomics	3	

Course	Credits	Term	Equivalent Course	Credits	
Elective Business Data Analytics	3	2Y1S	MGMT 216 Business Data Analytics	3	
GH 146 History and Humanities	3	2Y1S	History and Humanities 200 level	3	
GN100 Introduction to Natural Science	3	2Y1S	Natural Science	3	
BA 330 Fundamentals of Corporate Finance	3	2Y2S	FIN 315 Fundamentals of Corporate Finance	3	
BA 350 Principles of Marketing	3	2Y2S	MRKT 330 Principles of Marketing	3	
Elective Business Operations Management and Analytics	3	2Y2S	OM 375 Management Science	3	
PT 235 Introduction to Computer Science II	3	2Y2S	CS 114 Introduction to Computer Science II	3	
GN 110 Natural Science: Chemistry	4	2Y2S	Natural Science with Lab *(GER)*	4	
BA 310 Global Business Market and Institutions	3	3Y1S	FIN 218 Financial Markets and Institutions	3	
BA 441 Human Resources and Organizational Behavior	3	3Y1S	HRM 301 Organizational Behavior	3	
Entrepreneurship and New Venture	3	3Y1S	ENTR 320 Financing New Venture	3	
Business Practicum and Career Planning	1	3Y1S	MGMT 399 Career Planning and Major Field Test	1	
			FIN 310 Data-Driven Financial Modeling	3	4Y1S
GE 232 Introduction to Psychology	3	3Y2S	Free Elective	3	
Elective Web App for Mobile	3	3Y1S	SDET 373 Web App Development For Mobile	3	
Elective Database systems for Managers	3	3Y2S	MIS385 Database Systems for Managers	3	
Elective Blockchain Technology for Business	3	3Y2S	FIN 306 Blockchain Technology for business	3	

Elective Financial Data Analytics	3	3Y2S	FIN 320 Financial Data Analytics	3	
			History and Humanities 300+ level	3	4Y1S
			FIN 430 Options and Futures Markets	3	4Y1S
			FIN 410 Data Mining and Machine Learning	3	4Y1S
			FIN 403 Financial Statement Analysis	3	4Y1S
			History and Humanities 300+ level	3	4Y2S
BA 250 Business Information Systems	3	1Y1S	Free Elective	3	
			MGMT 480 Managing Technology and Innovation	3	4Y2S
			MGMT 416 AI for Business	3	4Y2S
			HSS 400+ Humanities and Social Sciences Senior Seminar	3	4Y2S
Elective Business Analytics III	3	3Y1S	Free Elective	3	
			Free Elective	3	4Y2S
CREDIT TOTALS	**89**			**122**	