COMPUTATIONAL ECONOMICS MAJOR, BS

Campus: NYC, Westchester

Course	Title	Credits
First Year		
Fall		
UNV 101	First-Year Seminar: Introduction to University Community	1
ENG 110	Composition	3
CS 121	Introduction to Computer Science	4
ECO 106	Principles of Economics: Microeconomics	3
Take Learning Community (LC) Course		3
Take the first Mathematics requirement. See advisor.		0-4
	Credits	**14-18**
Spring		
ENG 120	Critical Writing	4
ECO 105	Principles of Economics: Macroeconomics	3
AOK		3
CIT 110	Introduction to Information Technology	3
Take the second Mathematics requirement. See advisor.		0-4
	Credits	**13-17**
Second Year		
Fall		
ECO 230	Intermediate Macroeconomics	3
LANG I		3
AOK/WE		3
MAT 144	Introduction to Probability and Statistics for Economics (Only take if MAT requirement not fulfilled) NYC Campus only	4
ECO 380	Mathematical Economics	3-4
	Credits	**16-17**
Spring		
LANG II		3
AOK/WE		3
AOK		3
CIT 241	Database Management	4
ECO 240	Quantitative Analysis and Forecasting	3-4
	Credits	**16-17**
Third Year		
Fall		
COM 200	Public Speaking	3
CS 377	Mathematical Foundations of Machine Learning	4
LAB		3
ECO Elec		3
ECO 385	Econometrics: Models and Organizations	3
	Credits	**16**
Spring		
ENG 201	Writing in the Disciplines	3-4
ECO 389	Economic Data Analysis (R & Python)	3
CS/CIT Elec		4
ECO 234	Intermediate Microeconomics	3
	Credits	**13-14**

Fourth Year

Fall

ARE		3
CS 489	Computational Economics Capstone	3
AOK		3
Civic Engagement		3
CIT 380	Applied AI with Deep Learning	4
AOK		3
	Credits	**19**

Spring

AOK		3
CS/CIT Elec		4
ARE		3
ECO Elec		3
	Credits	**13**
	Total Credits	**120-131**