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Academic Degree Progress Chart

Economics - Computer Science Joint Major

Student's Name _____

Student I.D. _____ Date _____

1. Mathematics Requirements (Credits)	Semester	Grade	Notes
MATH 111 - Calculus I (3)			
MATH 210 - Adv. Calculus for Data Sciences (4)			Can substitute MATH 211
MATH 221 - Linear Algebra (4)			
2. Computer Science Requirements	Semester	Grade	Notes
CS 170 - Introduction to Computer Science I (4)			
CS 171 - Introduction to Computer Science II (3)			
CS 224 - Foundation of Computer Science (3)			
CS 253 - Data Structures & Algorithms (3)			
3. Economics Requirements	Semester	Grade	Notes
ECON 101 - Principles of Microeconomics (3)			*FIN 201 can replace ECON 101
ECON 112 - Principles of Macroeconomics (3)			
ECON 201 - Intermediate Microeconomics (4)			
ECON 212 - Intermediate Macroeconomics (3)			
4. Methods, Analysis, and Systems	Semester	Grade	Notes
ECON 220 - Data Science for Economists (4)			*MATH 361 can replace ECON 220
ECON 320 - Econometrics (4)			
CS 325 - Artificial Intelligence (3)			
CS 334 - Machine Learning (3)			
5. Electives (complete 2 courses)	Semester	Grade	Notes
1. _____			
2. _____			
Options: ECON 421, ECON 422, ECON 487, CS 329, CS 370, CS 470, MATH 346			
6. Integrated Computer Science/ Economics Course - Capstone	Semester	Grade	Notes
ECON 480/CS 480 - Computing Methods in Economics (3)			

Economics-CS Joint Major GPA _____

- Minimum overall grade point average must be 2.0 (C)
- All classes in the major must be taken for a letter grade
- Contact econungrad@emory.edu with questions

Academic Credit Requirement

_____ / _____ / _____
Required Actual Needed