Suggested Course Sequence
B.A. in Economics & B.A. Computing & Informatics (for incoming Freshmen)

FIRST SEMESTER		SECOND SEMESTER	
CS 04-171 – Creating Android Apps *or* CS 01.104 – Intro to Sci. Programming *or* CS 04.110 – Intro to Programming Using Robots	3	CS 04.210 – Adv Programming Workshop: X	2
CS 04.103 – Computer Sci. and Programming	4	General Education Course **(SBS)**	3
MATH 03.125 – Calculus T&A or MATH 01.130 – Calculus I **(MATH)**	3/4	MATH 03.160 – Discrete Structures **(MATH)**	3
COMP 01.111 – College Composition I	3	COMP 01.112 – College Composition II	3
ECON 04.101 – Introduction to Economics Macroeconomics (RS)[1]	3	ECON 04.102 – Introduction to Economics Microeconomics	3
TOTAL	16/17	TOTAL	14

THIRD SEMESTER		FOURTH SEMESTER	
CS 04.210 – Adv Programming Workshop: Y	2	CS 04-225 – Principles of Data Structures	3
Computing and Informatics Elective[3]	3	CS 01.210 – Intro to Comp NW & Data Comm	3
Lab Science Choice **(LAB)**	4	**Non-program Elective**	3
Economics Elective	3	General Education Course **(HHL)**	3
ECON 04.301 – Intermediate Macroeconomics	3	ECON 04.302 – Intermediate Microeconomics	3
TOTAL	15	TOTAL	15

FIFTH SEMESTER		SIXTH SEMESTER	
MIS 02-338 - Design of Database Systems	3	INTR 01.266 – Computers and Society **(WI)(SBS)**	3
CMS-04.205 – Public Speaking	3	General Education Course **(SBS M/G course if not already taken)**	3
General Education Course **(HHL LIT course if not already taken)**	3	Computing and Informatics Elective[3]	3
Computing and Informatics Elective[3]	3	ECON 04.392 – Econometrics	3
ECON 04.292 – Statistics For Economists	3	Economics Elective	3
TOTAL	15	TOTAL	15

SEVENTH SEMESTER		EIGHTH SEMESTER	
CS 10.310 – Intro to Web Development	3	CS 10.430 – C&I Capstone Experience	3
Computing and Informatics Elective[3]	3	**Free Elective, Internship in the Applied LA**[5]	3
Non-program Elective	3	General Education Course **(ACE, Non-program)**	3
Economics Elective	3	Economics Elective	3
Economics Elective	3	ECON 04.492 – Seminar in Economics	3
		Career Planning and Development (optional)	2
TOTAL	15	TOTAL	17

[1] Rowan Seminar: all freshmen must enroll in a Rowan Seminar course. Course should be from ACE, SBS or HHL bank.

[2] The Mathematics choice should be carefully considered in a discussion with your advisor.

[3] Consult with advisor for recommendations. | [4] Rowan's Writing Intensive requirement is satisfied by the Writing Intensive version of Computers and Society. | [5] Consult with advisor to discuss resources for internship acquisition like CHSS Match Internship Program and internship details to count as Free Elective credit. Can earn maximum **12 free elective credits** through Internship in the Applied LA

Suggested Course Sequence
B.A. in Economics & B.A. Computing & Informatics (SECOND Semester Start)

FIRST SEMESTER			SECOND SEMESTER	
CS 04-171 – Creating Android Apps *or* CS 01.104 – Intro to Sci. Programming (RS)[1] *or* CS 04.110 – Intro to Programming Using Robots	3		CS 04.210 – Adv Programming Workshop: X	2
CS 04.103 – Computer Sci. and Programming	4		Lab Science Choice (**LAB**)	4
MATH 03. 160 – Discrete Structures (**MATH**)	3		ECON 04.101 – Introduction to Economics Macroeconomics	3
COMP 01.111 – College Composition I	3		COMP 01.112 – College Composition II	3
General Education Course (**SBS**)	3		MATH 03.125 – Calculus T&A or MATH 01.130 – Calculus I (**MATH**)	3/4
TOTAL	16		TOTAL	15/16

THIRD SEMESTER			FOURTH SEMESTER	
CS 04.210 – Adv Programming Workshop: Y	2		CS 04-225 – Principles of Data Structures	3
Computing and Informatics Elective[3]	3		General Education Course (**HHL**)	3
ECON 04.102 – Introduction to Economics Microeconomics	3		Non-program Elective	3
CS 01.210 – Intro to Comp NW & Data Comm	3		ECON 04.301 – Intermediate Macroeconomics	3
CMS-04.205 – Public Speaking	3		Economics Elective	3
TOTAL	14		TOTAL	15

FIFTH SEMESTER			SIXTH SEMESTER	
MIS 02-338 - Design of Database Systems	3		INTR 01.266 – Computers and Society (**WI**)(**SBS**)	3
ECON 04.302 – Intermediate Microeconomics	3		General Education Course (**SBS M/G course if not already taken**)	3
General Education Course (**HHL LIT course if not already taken**)	3		Computing and Informatics Elective[3]	3
Computing and Informatics Elective[3]	3		Economics Elective	3
ECON 04.292 – Statistics For Economists	3		ECON 04.392 – Econometrics	3
TOTAL	15		TOTAL	15

SEVENTH SEMESTER			EIGHTH SEMESTER	
CS 10.310 – Intro to Web Development	3		CS 10.430 – C&I Capstone Experience	3
Computing and Informatics Elective[3]	3		**Free Elective, Internship in the Applied LA**[5]	3
Non-program Elective	3		General Education Course (**ACE, Non-program**)	3
Economics Elective	3		Economics Elective	3
Economics Elective	3		ECON 04.492 – Seminar in Economics	3
			Career Planning and Development (optional)	2
TOTAL	15		TOTAL	17

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