B.S. Computer Science / B.S. Computer Engineering (2014-2015)

Fall			*Spring*		
Year 1					
CSCI-UA 101	Introduction to Computer Science	4	CSCI-UA 102	Data Structures	4
MATH-UA 121	Calculus I	4	CORE-UA 4xx	Text & Ideas	4
EXPOS-UA 1	Writing the Essay	4	MATH-UA 122	Calculus II	4
FRSEM-UA xxx	Freshman Seminar	4	MATH-UA 140	Linear Algebra	4
		16			16
Year 2					
CSCI-UA 201	Computer System Organizations	4	CSCI-UA 202	Operating Systems	4
PHYS-UA 91	Physics for Majors I	3	PHYS-UA 93	Physics for Majors II	3
PHYS-UA 71	Introduction to Experimental Physics I	2	PHYS-UA 72	Introduction to Experimental Physics II	2
MATH-UA 123	Calculus III	4	MATH-UA 120	Discrete Mathematics	4
EG-UY 1003	Introduction to Engineering and Design	3	MATH-UA 262	Ordinary Differential Equation	4
		16			17
Year 3					
CSCI-UA 310	Basic Algorithms	4	CSCI-UA xxx	Computer Science Elective	4
PHYS-UA 95	Physics for Majors III	3	CORE-UA 5xx	Cultures & Contexts	4
PHYS-UA 73	Intermediate Experimental Physics I	2	EE-UY 2024	Fundamentals of Electric Circuits II	4
EE-UY 2013	Fundamentals of Electric Circuits I	3	CS-UY 2204	Digital Logic and State Machine Design	4
CS-UY 1124	Object Oriented Programming	4			
		16			16
Year 4					
MA-UY 2224	Data Analysis	4	CSCI-UA 436	Computer Architecture	4
CM-UY 1004	General Chemistry for Engineers	4	CORE-UA	Expressive Cultures	4
CORE-UA	Societies & Social Sciences	4	EE/CS (UY)	CompE Restricted Elective	3/4
EE/CS (UY)	CompE Restricted Elective	3/4	EE/CS (UY)	CompE Restricted Elective	3/4
		15/16			16/18
Year 5					
CS/EE (UY)	Design Project I	3	CS/EE (UY)	Design Project II	3
EE-UY 4001	ECE Professional Development and	1	HU/SS	Elective	4
EE/CS (UY)	CompE Restricted Elective	3/4	EE/CS/EL (UY)	Elective	3
EE/CS/EL (UY)	Elective	3	EE/CS/EL (UY)	Elective	3
HU/SS	Elective	4	EE/CS (UY)	CompE Restricted Elective	3/4
		14/15			16/17

Min Total credits: 156

DRAFT