

APPENDIX A

HACC MATH/Computer Sciences		
Course #	Course Name	Credits
First Semester		
CIS 110 or CNT 120	Intro to Computer Systems or Network Communications Technology	3
CPS 121	Computer Science I: Intro to Computer Programming JAVA	3
ENGL 101	English Composition I	3
FYS Elective	First-Year Seminar Elective	1
MATH 121	Calculus I	4
Second Semester		
COMM 101	Effective Speaking	3
CPS 161	Computer Science II: Algorithmic Design JAVA & C++	3
ENGL 102 or 104	English Composition II	3
MATH 122	Calculus II	4
MATH 125	Discrete Math	3
Third Semester		
BIOL 101, CHEM 101, PHYS 201 or 211	Computer Science III: Data Structures	4
CPS 162	C++	3
MATH 202	Intro to Statistics	4
MATH 220	Linear Algebra	4
Wellness	Wellness	1
Fourth Semester		
BIOL 102 or CHEM 102 or PHYS 202 or PHYS 212	General Biology or General Inorganic Chem & Quant Analysis or General Physics or Physics for Engineers & Sci II	4

HU CISC		
Course #	Course Name	Credits
CISC 103	Intro to Computers and Information Science	3
CISC 120	Fundamentals of Computing	3
ENGL 105	College Composition	3
SEMR 100	Cornerstone	1
MATH 220	Calculus	4
COMM 110	Speech	3
CISC 233	Essential Algorithms	3
ENGL 200	Advanced Composition & Technical Writing	3
MATH 120	College Algebra	4
MATH 210	Discrete Math I	3
GEND 112	Scientific Mind I	4
CISC 160	Data Structures	3
MATH 280	Introduction to Statistics	4
MATH 250	Introduction to Linear Algebra	4
GEND 113	Scientific Mind II	4

CPS 230	Object Oriented Programming JAVA	3	CISC 140	Programming II	3
	Social/Behavioral Science Elective	3	GEND 102	Creative Mind I	3
	Social/Behavioral Science Elective	3	GEND 103	Creative Mind II	3
	Transfer Elective	3	GEND elective	GEND elective	3
Total Credits		62	Total		62

Remaining Courses at HU:

GEND 201	Civic Mind	6
GEND 351	Organizational Mind	6
CISC 298	CISC Project I	3
CISC 365	Internship	3
CISC 498	CISC Project II	3
SEMR 200	Steppingstone	1
SEMR 300	Cornerstone	1
SEMR 400	Capstone	1
CISC 211	Computer Organization & Architecture	4
	Information Systems Design and	
CISC 225	Analysis	3
CISC 301	Operating Systems	3
	Programming Languages, Concepts &	
CISC 325	Paradigms	3
CISC 399	Formal Languages & Automata	3
MATH 310	Discrete Math II	3
CISC 3XX-4XX	CISC 300-400 electives	9
CISC 4XX	CISC 400 electives	6
	Total	58