

4-year Suggested Academic Plan for Transfer

First Year - Freshman							
Fall Semester				Spring Semester			
BCD	HCU	Course Name	Hrs	BCD	HCU	Course Name	HRS
ENGR 1201	ENSC 1411	Engineering and Cyber Projects I	4	ENGR 1304	ENSC 1412	Engineering and Cyber Projects II	4
MATH 2413	MATH 1415/1051	Calculus I	4	MATH 2414	MATH 2451/2051	Calculus II	4
COSC 1420	COSC 1351	Introduction to Computer Programming	3	PHYS 2325	PHYS 2413/2013	Principles of Physics I with Lab	4
ENGL 1301	ENGL 1313	English Composition and Literature	3	ENGL 1302	ENGL 1323	English Composition and Literature II	3
X3XX		Corresponding Core Curriculum Course	3	X3XX		Corresponding Core Curriculum Course	3
Total			17	Total			18
Second Year - Sophomore							
Fall Semester				Spring Semester			
BCD	HCU	Course Name	Hrs	BCD	HCU	Course Name	Hrs
ENGR 2304	COSC 1352	Intermediate Computer Programming	3	ENGR 2405	ENSC 2361	Electrical Engineering and Circuits	3
ENGR 2406	ELEN 2324	Introduction to Digital Design	3	MATH 2320	MATH 3333	Ordinary Differential Equations	3
PHYS 2326	PHYS 2423/2023	Principles of Physics II with Lab	4	X3XX		Corresponding Core Curriculum Course	3
X3XX		Corresponding Core Curriculum Course	3	X3XX		Corresponding Core Curriculum Course	3
Total			13	Total			12
Third Year - Junior							
Fall Semester				Spring Semester			
	HCU	Course Name	Hrs		HCU	Course Name	Hrs
	COSC 3342	Computer Networks	3		COSC 2353	Operating Systems	3
	ELEN 4341	Embedded Systems	3		CYEN 3331	Computer Network Security	3
	MATH 3311	Introduction to Discrete Math	3		CYEN 4335	Applied Cryptography	3
	Core I	LACC course not already taken at Blinn	3		MATH 3314	Probability and Statistics	3
	HIST 2311	Western Civilization I	3		MATH 3111	Advanced Topic in Math	1
					GOVT 2313	American & Texas Government	3
Total			15	Total			16
Fourth Year - Senior							
Fall Semester				Spring Semester			
	HCU	Course Name	Hrs		HCU	Course Name	Hrs
	CYEN 4333 or COSC 4381	Reverse Engineering or Data Analytics	3		CHRI 2373	Christian Theology and Tradition	3
	CYEN 4337	Security Operations	3		CHEM 2415 or BIOL 2454	Science with Lab	4
	ELEN 4374	OT Networks	3		CYEN 4374	OT Network Security	3
	ENSC 4311	Senior Project I	3		ENSC 4312	Senior Project II	3
	ENSC 4315	Internship/Professional Experience	3		CYEN 4331	Digital Forensics and Cyber Crime	3
	CHRI 1301	Introduction to the Bible	3				
Total			18	Total			16
				Total			125

Notes/Comments: