(extracted from Troy Undergraduate Catalog)								
No	Code	Course title	Credits	Pre-requisites				
Ge	General studies							
1	TROY 1101	University Orientation	1					
2	ENG 1101	English Composition 1	3	unconditional status				
3	ART 1133	Visual Art	2					
4	HIS 1122	World History to 1500	3					
_	HIS 1123	World History after 1500	3					
6	MUS 1131	Music Appreciation	2					
7	SPH 2241/COM 2	Fundamentals of Speech	3					
8	ENG 1102	Composition and Modern English II	3	ENG 1101 with C				
9	ENG 2205/6	World Literature II	3	ENG 1112 with C				
10	ECO 2251	Macroeconomics	3					
	ECO 2252	Microeconomics	3					
12	PHY L 2520	General Physics and Lab	4	None				
13	CHM/L1142	General Chemistry and Lab1	4	None				
14	MTH 1125	Calculus I	4	MTH 1114 with C				
15	MTH 1126	Calculus II	4	MTH 1125				
Re	quired major cour							
16	CS 2220	Numerical Methods in Computing	3	MTH 1112				
17	CS 2250	Computer Science I	3	MTH 1112 with C				
18	CS 2255	Computer Science II	3	CS 2250				
19	CS 3310	Foundations of Computer Science	3	MTH 1112 with C				
20	CS 3323	Data Structures	3	CS 2255 and MTH 1125				
21	CS 3329	Analysis of Algorithms	3	CS 3323				
22	CS 3332	Software Engineering I	3	CS 3323				
23	CS 3360	Concepts of Object-Oriented Programming	3	CS 2255				
	CS 3365	Architectures	3	CS 3310				
	CS 3370	Nature of Programming Languages	3	CS 3323				
	CS 3372	Formal Languages and the Theory of Computation	3	CS 3323				
-	CS 4420	Introduction to Database Systems	3	CS 3323				
	CS 4445	Data Communication and Networking	3	CS 3323				
	CS 4448	Operating Systems	3	CS 3323				
	MTH 2210	Applied Statistics	3	MTH 1112 with C				
	MTH 2215		3	MTH 1112 with C				
		Applied Discrete Mathematics ose two or three of the following courses)	5					
			3	CS 3323				
-	CS 4447	Systems Analysis and Design						
	CS 3331	Fundamentals of Artificial Intelligence	3	CS 3323				
	CS 4451	Computer Security	3	CS 3323				
-	CS 4443	Web Based Development	3	CS 3323				
36	CS 4410	Introduction to Machine Learning	3	CS 3323				

## Computer Science Program at HUST Academic Catalog 2023-2024 stracted from Troy Undergraduate Catalog)

Fre	Free Electives (Choose 7 courses of the following courses)						
37	MTH 1112	Pre-Calculus Algebra	3				
38	MTH 1114	Pre-Algebra Trinogometry	3	MTH 1112 with C			
39	MGT 3300	Principles of Management	3	None			
40	IS 2241	Computer Concepts & Applications	3	None			
41	MGT 4471	Leadership and change	3	MGT 3330			
42	MKT 3361	Principles of Marketing	3	None			
43	MGT 4460	Project Management	3	MGT 3330			
44	BIO/L 1110	Principles of Biology and Lab	4	None			
45	MGT 4440	Building and leading efffective teams)	3	MGT 3330			
46	HRM 3375	Human Resource Management	3	MGT 3330			