

Student A#				Student Name (Last, First)			Offered: F=Fall S=Spr M=Sum	
Semester, Transfer or AP	Grade	Course Number	Cr Hrs	Course Title	Prerequisites, Corequisites and/or Prerequisites with Concurrency			
English - 6 hours								
		EH 101	3	College Writing I	Placement		FSM	
		EH 102	3	College Writing II	EH 101		FSM	
Mathematics - 18 hours								
		MA 171	4	Calculus A	MA 113 or Level III Placement		FSM	
		MA 172	4	Calculus B	MA 171		FSM	
		MA 201	4	Calculus C	MA 172		FSM	
		MA 238	3	Applied Differential Equations	Prereq w/Con: MA 201		FSM	
		MA 244	3	Introduction to Linear Algebra	MA 172		FSM	
Chemistry - 4 hours								
		CH 121	3	General Chemistry I	Plcmt or Prereq w/Con: MA 113		FSM	
		CH 125	1	General Chemistry Lab I	Prereq w/Con: CH 121		FSM	
Physics - 8 hours								
		PH 111	3	General Physics w/Calculus I	MA 171; Coreq: 114		FSM	
		PH 114	1	General Physics Lab I	Prereq w/Con: PH 111		FSM	
		PH 112	3	General Physics w/Calculus II	MA 172, PH 111, PH 114; Coreq: 115		FSM	
		PH 115	1	General Physics Lab II	Coreq: PH 112		FSM	
History, Social & Behavioral Sciences, Humanities & Fine Arts - 18 hours								
			3	History	For more information on HSBS/HFA Requirements: http://www.uah.edu/eng/departments/ undergraduate-engineering/student-forms		FSM	
			3	Literature			FSM	
			3	Fine Art			FSM	
			3	Social & Behavioral Science			FSM	
			3	Sequence Course (HY or EH)			FSM	
			3	HSBS/HFA			FSM	
Computer Science - 6 hours								
		CS 214	3	Intro to Discrete Structures	MA 171, CPE 211		FSM	
		CS 317	3	Design & Analysis of Algorithms	CS 214, CPE 212, MA 244		FSM	
Engineering - 4 hours								
		FYE 101	1	Charger Success: Engineering	None		FS	
		EGR 101	3	Computing for Engineers	Prereq w/Con: MA 113		FSM	
		EGR 299	0	Engineering Mentoring I	EGR 101, Prereq w/Con: MA 201		FS	
		EGR 399	0	Engineering Mentoring II	EGR 299, CPE 212		FS	
**	Class has required lab section			Computer Engineering - 53 hours				
		EE 202	3	Intro to Digital Logic Design	EGR 101		FSM	
**		CPE 211	3	Intro to Computer Programming in Engineering	EGR 101, Prereq w/Con: MA 171; Coreq: CPE 211L		FSM	
		CPE 212	3	Fundamentals of Software Engineering	CPE 211		FS	
		EE 213	3	Electrical Circuit Analysis I	Prereq w/Con: PH 112, MA 201		FSM	
		CPE 221	3	Computer Organization	CPE 211; Prereq w/Con: EE 202		FSM	
		EE 315	3	Introduction to Electronic Analysis and Design	EE 213		FSM	
		EE 316	1	Electronic Measurements & Devices Design Lab	Prereq w/Con: EE 315		FS	
		CPE 322	3	Digital Hardware Design Fundamentals	CPE 221; Prereq w/Con: EE 315; Coreq: CPE 324		S	
		CPE 324	1	Digital Hardware Design Lab	Coreq: CPE 322		S	
		CPE 323	3	Intro to Embedded Computer Systems	CPE 221; Coreq: CPE 325		FS	
		CPE 325	1	Embedded Systems Lab	Coreq: CPE 323		FS	
		CPE 348	3	Introduction to Computer Networks	CPE 221		FS	
		CPE 353	3	Software Design & Engineering	CPE 212; Prereq w/Con: CS 317		F	
		CPE 381	3	Fundamentals of Signals & Sys for Comp Engrs	EE 213, MA 238		FS	
		EE 384	1	Digital Signal Processing Laboratory	CPE 381 or Prereq w/Con: EE 383		FS	
Select		EE 385	3	Random Signals and Noise	CPE 381 or EE 382		FS	
One		ISE 390	3	Probability & Engineering Statistics I	Prereq w/Con: MA 201		FSM	
		CPE 431	3	Intro to Computer Architecture	CPE 322, CPE 323		F	
		CPE 434	3	Operating Systems	CPE 221, (CS 307 or CPE 353); Coreq: CPE 435		S	
		CPE 435	1	Operating Systems Lab	Coreq: CPE 434		S	
		CPE 495	3	Computer Engineering Design I	EE 315, CPE 322, CPE 323, EGR 399; Prereq w/Con: CPE 353		F	
		CPE 496	3	Computer Engineering Design II	CPE 495		S	
Computer Engineering Electives - 12 hours								
			3		300+ Level course approved by advisor: list of Approved CPE Electives at http://www.uah.edu/eng/departments/undergraduate-engineering/student-forms			
			3					
			3					

All prerequisite classes must be completed with a "C-" or higher grade.
The Catalog is the final authority for all degree requirements.