

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 or higher, CH 125	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	
Biology - 4 hours							
		BYS 119	3	Principles of Biology	Prereq w/Con: BYS 121	FSM	
		BYS 121	1	Laboratory	Prereq w/Con: BYS 119	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	
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, CE 272	FS	
**	Class has required lab section						
Civil Engineering - 60 hours							
		CE 211	2	Civil Engineering Graphics	EGR 101	FS	
		CE 271	3	Statics	EGR 101, PH 111, Prereq w/Con: MA 201	FSM	
		CE 272	3	Dynamics	MA 201, MAE/CE 271	FSM	
**		CE 284	2	Surveying	Prereq w/Con: CE 211, or Instr/Advsr Approval; Coreq CE 284L	F	
		MAE 310	3	Fluid Mechanics I	MA 238, MAE/CE 271	FSM	
		CE 321	3	Transportation Engineering & Design	CE 284, MA 171	S	
		ISE 321	3	Engineering Economy	EGR 101	FSM	
		MAE 341	3	Thermodynamics I	CH 121, PH 112, MA 201	FSM	
		CE 370	3	Mechanics of Materials	MAE/CE 271, MA 244, (MAE or CE 211); Coreq: CE 375	FSM	
		CE 375	1	Mechanics of Materials Lab	Coreq: CE 370	FSM	
		CE 372	3	Soil Mechanics	CE/MAE 370; Prereq w/Con: MAE 310; Coreq: CE 373	FS	
		CE 373	1	Soil Mechanics Lab	Coreq: CE 372	FS	
		CE 380	3	Civil Engineering Materials	CE/MAE 370; Coreq: CE 380L	S	
		CE 381	3	Structural Analysis I	CE/MAE 272, CE/MAE 370	FM	
		ISE 390	3	Probability & Engineering Statistics I	Prereq w/Con: MA 201	FSM	
		CE 422	3	Traffic Engineering Design	CE 321	F	
		CE 441	3	Hydraulic Engineering Design	MAE 310	S	
		CE 449	3	Intro to Environmental Engineering	MAE 341; Prereq w/Con: MAE 310	F	
		CE 483	3	Reinforced Concrete Design	CE 380, CE 381	S	
		CE 484	3	Steel Design	CE 381, MA 244	F	
		CE 485	3	Foundation Engineering	CE 372, Prereq w/Con CE 483	S	
		CE 498	1	Civil Engineering Design I	CE 321, EGR 399; Prereq w/Con: CE 372	F	
**		CE 499	2	Civil Engineering Design II	CE 498; Coreq: CE 499L	S	
Civil Engineering Electives - 6 hours							
Select One Concentration Gen Envr Trans		CE 481	3	Structural Analysis II	CE 381	F	
		CE 487	3	Bridge Design	Prereq w/con CE 483	S	
		CE 456	3	Water Quality Control Processes	CE 449	S	
		CE 457	3	Hydrology	MAE 310	F	
		CE 411	3	Intro to Geographical Information Systems	Senior Standing or Instructor Approval	F	
		CE 420	3	Urban Transportation Planning	CE 321	S	
		CE	3	Choose any two 400+ Level Civil Engineering Course			

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