

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	Offered:
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 I	MA 113 or Level III Placement	FSM*
		MA 172	4	Calculus II	MA 171 or MA 151	FSM*
		MA 201	4	Calculus III	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 or MA 151; 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	F
		EGR 101	3	Computing for Engineers	Prereq w/Con: MA 113 or MA 151	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	FS
		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						
		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; Coreq CE 456L	S
		CE 457	3	Hydrology	MAE 310	F
		CE 411	3	Intro to Geographical Information Systems	Senior Standing	F
		CE 420	3	Urban Transportation Planning	CE 321	S
		CE	3	Choose any two 400+ Level Civil Engineering Course		

Select One Concentration
Struc
Envr
Trans
Gen

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

Note: No ET courses may be used to satisfy degree requirements.
*Summer class offerings are subject to instructor availability