UNIVERSITY OF HOUSTON-DOWNTOWN
BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY
MAJOR IN

STRUCTURAL ANALYSIS AND DESIGN (SAD)

Name: _____ SID: _____
Last First

Phone No: _____ Advisor: _____

Email: _____ Date: _____

Hours Required for graduation: **119** Number of Hours Transferred: _____

FRESHMAN

			GRD	HRS	SEM					GRD	HRS	SEM
ENG	1301	Composition I		3	ALL		ENG	1302	Composition II		3	ALL
ENGR	1302	Engr. & Tech. Fundamentals		3	F,S		ENGR	1400	PC Applications in Engr.		4	F,S
HIST	1305	US History to 1877		3	ALL		HIST	1306	US History after 1877		3	ALL
MATH	2401	Calculus I		4	ALL		PHYS	1307	General Physics I		3	ALL
		Social/Behavioral Science		3	ALL		PHYS	1107	General Physics Lab I		1	ALL
							EET	1411	Circuits		4	F
				16							**18**	

SOPHOMORE

			GRD	HRS	SEM					GRD	HRS	SEM
ET	3321	Soil Mechanics & Foundations		3	F		ENGR	2410	Analysis of Engr. Networks		4	F,S
ENGR	2407	Surveying with GIS-GPS		4	SU		CHEM	1307	General Chemistry		3	ALL
POLS	2303	US Government I		3	ALL		CHEM	1107	General Chemistry Lab I		1	ALL
PHYS	1308	General Physics II		3	ALL		ENG	23XX	Sophomore English Lit.		3	ALL
PHYS	1108	General Physics Lab II		1	ALL		POLS	2304	US Government II		3	ALL
COMM	1304	Intro to Speech Comm		3	ALL							
				17							**14**	

THEA/TASP:		
	Reading	
	Writing	
	Math	

WPE:	

All students must take and pass the WPE after completing 60 credit hours and before completing 75 hours. Transfer students with more than 75 hours must attempt the exam during their first semester at UHD.

JUNIOR

			GRD	HRS	SEM					GRD	HRS	SEM
ENGR	3311	Structural Analysis		3	F		ET	3322	Finite Element Analysis		3	S
ENGR	3312	Reinforced & Prestressed Concrete		3	F		ET	4321	Structural Steel Design		3	S
ENGR	4420	Fire Dynamics		4	F		ENG	3302	Business Tech. Writing		3	ALL
ET	3320	Modern Concrete Tech.		3	F				Fine Arts Course		3	ALL
ENGR	4326	Structural Dynamics & Con.		3	S							
				16							**12**	

SENIOR

			GRD	HRS	SEM					GRD	HRS	SEM
ET	4324	Senior Concrete Project		3	F		ENGR	3407	Industrial Robotics		4	SU
ET	4323	Technology Seminar		3	F,S		ET	4325	Senior Steel Project		3	S
ENGR	3302	Engineering Economics		3	F		ENGR	4411	Structural Fire Safety		4	S
		Elective		3	ALL				Elective		3	ALL
				12							**14**	

Electives (6 Hours) (S=Spring, F=Fall, SU=Summer)

Revised June 2010