Name:			Date:		General Catalog: 20 20
PeopleSoft	ID:				Major Catalog: 20 20
Check List for BS in Computer Science					
Effective Fall 20		ompater Science			
		_		*=>/	
	COMPUTER SCIENCE COSC 1306 (1410) Comp	<u>E (42 Hours MINIMUM):</u> puter Science and Programming		<u>"EXAM</u>	PLES OF COMPUTER SCIENCE ELECTIVES (Check Catalog for Pre-Requisites)
		duction to Programming		COSC 4315	Programming Languages and Paradigms Fall
	. ,	ramming and Data Structures		COSC 4332	Medical Robotics and Image Guided Interventions Spring
		puter Organization and Architecture		COSC 4335	Data Mining**
	9	ithms and Complexities		COSC 4348 COSC 4349	Introduction to Gaming Art and Animation Fall
		duction to Automata and Computability Fall, Spring, Sul amentals of Operating Systems Fall, Spring	m	COSC 4349	Intermediate Gaming Art and Animation Spring Software Development Practices Spring #
		gn of File and Database Systems Fall, Spring		COSC 4355	Introduction to Ubiquotous Computing Fall #
	COSC 4351 Funda	amentals of Software Engineering Fall, Spring		COSC 4358	Introduction to Interactive Game Development Fall
		vare Design Fall, Spring, Sum	.	COSC 4359	Intermediate Interactive Game Development Spring
		urs Advanced COSC elective* urs Advanced COSC elective*		COSC 4364 COSC 4368	Numberical Methods Spring Artificial Intelligence Programming**
		urs Advanced COSC elective*	<u> </u>	COSC 4300	Interactive Computer Graphics Fall
		urs Advanced COSC elective*		COSC 4371	Web Security Spring
(####) Courses	s in parentheses are former	course numbers associated with the class		COSC 4372	Fundamentals of Medical Imaging Fall
	MATHEMATICS (14 Hours	> NATINITIAL IN A'S		COSC 4377	Introduction to Computer Networks**
	MATHEMATICS (14 Hours MATH 1431 Calcu	<u>s (MINIMOM):</u> Jlus I Fall, Spring, Sum		COSC 4390 COSC 4393	Introduction to Internet Computing** Introduction to Digital Image Processing Fall
		ulus II Fall, Spring, Sum		COSC 4373	Selected Topics in Computer Science Fall, Spring, Sum
		ar Algebra Fall, Spring, Sum		**Indic	ates the course is not offered at consistent intervals
	OR MATH 3321 Engir	neering Mathematics Fall, Spring, Sum		#May be	e taken as an elective if not applied towards Capstone
		ete Mathematics Fall, Spring, Sum			
		puting Structures stics for the Sciences Fall, Spring, Sum			*CHOOSE <u>ONE</u> OPTION FROM:
<u> </u>	WWW.TT 0007	and for the Sciences Tail, Spring, Sain			oneoge of hour tow.
	NATURAL SCIENCES (14				
		1 hr Natural Sciences Lab*** (Lab must be in th		Tr UH	*OPTION #1: COSC SENIOR SEQUENCE
		1 hr Natural Sciences Lab*** (Lab must be in the 3 hours NSM Approved Natural Science***		Tr UH	COSC 4353 Software Design Fall, Spring
		3 hours NSM Approved Natural Science***			COSC 4354 Software Development Practices Spring
		3 hours NSM Approved Natural Science			OR COSC 4355 Introduction to Ubiquitous Computing Fall
	***Indicates courses mus	3 hours NSM Approved Natural Science	, l		
	indicates courses mus	t be in the same discipline	ı l		
	CORE (Check UH Catalog or U	III Cara Wakaita far Dra Doquisitas			*OPTION #2: NSM CAPSTONE
					Minor Senior Research Project
	COMMUNICATION (6 Hours): ENGL 1303 First Year Writing I				☐ Double Major ☐ Senior Honors Thesis ☐ Double Degree ☐ teachHouston
	ENGL 1303 First Year Writing				☐ Double Degree ☐ teacrinoustori
<u> </u>	g			Tr UH	
	STATE REQUIREMENTS (12				
	HIST 1376 or 1377 The United HIST 1378 or 1379 The United				
-	POLS 1336 U.S. and Texas C				
		: Congress, President, and Court			
		•	<u> </u>		
· · · · · · · · · · · · · · · ·	FROM APPROVED CORE LIS	ST (12 Hours): Choose from UH Core Website			FREE ELECTIVES
 		Language/Philosophy/Culture (3 Hours) Creative Arts (3 Hours)			(Additional hours to complete a total of 120 hours ,
		Social & Behavioral Science (3 Hours)		Tr UH	including at least 36 advanced hours)
		Writing in the Disciplines (3 Hours)			
DILLEC VOLLNEED TO VAION			I		
RULES YOU NEED TO KNOW:					
1. MINIMUM of a 2.00 GPA in cumulative, major, and minor GPA to graduate					
2. <u>C- RULE:</u> MAXIMUM of 6 hours of grades below C- allowed in UH COSC courses					
LAST 30 hours must be exclusively completed at UH MAYIMI Mark (Was allowed during entire undergraduate energy)					
 MAXIMUM of 6 W's allowed during entire undergraduate career MINIMUM of 36 advanced hours and 120 total hours to graduate 					
MAXIMUM of 66 lower level transfer hours may be applied towards UH degree				Advisor:	
		egree Plan *REQUIRED TO GRADUATE*			VN 01.06.16