



COMPUTER SCIENCE

Name: _____

Advisor: _____

CORE REQUIREMENTS (46 credit hours)				
SEMESTER		REQUIREMENT	Course Options	Credits
FR Year		Knight Academy	SVU 101	1
		Fresh. Writing	WRI 120	3
Complete by Sophomore Year		Philosophy	LIB 110	3
		Am. Republic	LIB 120	3
		Literature	LIB 130	3
		Civilization I	ART 210, HIS 210, HIS 260, HUM 210, PHI 210, or POL 210	3
		Civilization II	ART 215, HIS 215, HUM 215, MUS 215, PHI 215, POL 215 or THE 215	3
		Mathematics	MAT 106, 114, 115, 221, 241, 242, CSC 120, or PHI 223	3-4
		Life Science	BIO 114, 126, 201, or 212	3-4
		Physical Science	CHE 114, 201, PHY 114, 117, 126, or 201	3-4
	One of the above life or physical science courses must have a LAB component. BIO 126, PHY 117, and PHY 126 are non-lab courses.			
		Culture & Language 1	HUM 235R or Foreign Language Course (or approved F.L. equivalency exam)	3
Complete Any Year		Culture & Language 2	HUM 235R or Foreign Language Course (or approved F.L. equivalency exam)	3
		Fine Arts	ART 120, 121, or 263; ENG 220, MUS 108, 129R, 139R, 221*, 256R*, 259R*, 275R*, 350R*; THE 110, 206, or 230R/330R* (*2 instances of the same ensemble needed to satisfy requirement)	3
		Social Sciences	ECN 210, EDU 200, 250, FHD 210, 250, POL 203, 223, or PSY 105	3
		Health & Wellness	Complete PER 143 or 2 credits worth of activity courses. • <i>PER 203 First Aid does not count as an activity course</i>	2
	JR Year		Adv. Writing	WRI 320 <i>*must be completed by the end of your Junior year.</i>

MAJOR REQUIREMENTS (39-50 credit hours)						
MAJOR CORE (21)						
SEMESTER		Course		Credits		
		CSC 110 Authoring for the Web		3		
		CSC 120 Programming Fundamentals		3		
		CSC 220 Data Structures		3		
		CSC 320 Advanced Programming		3		
		CSC 330 Operating Systems		3		
		CSC 350 Database Systems		3		
		CSC 498 Senior Capstone		3		
TRACK COURSEWORK						
Students will choose ONE of the following areas of emphasis:						
Business Track (21 hours)				Full Stack Developer (18 hours)		
	ART 260 Graphic Design I	3			ART 260 Graphic Design I	3
	ART 360 Graphic Design II	3			ART 360 Graphic Design II	3
	BUS 250 Business Analysis using Excel	3			CSC 210 Adv. Authoring for the Web	3
	BUS 350 Business Analytics*	3			CSC 250 Software Engineering	3
	BUS 375R Business Systems	3			CSC 334 Programming Languages	3
	CSC 210 Adv. Authoring for the Web	3			CSC 352 Platform Development	3
	MAT 221 Statistics	3				
	*BUS 355 may be substituted					
Data Science/AI Track (29 hours)						
	CSC 333 Computational Data Science	3				
	CSC 334 Programming Languages	3				
	CSC 340 Artificial Intelligence	3				
	MAT 116 Trigonometry	1				
	MAT 221 Statistics	3				
	MAT 241 Calculus I	4				
	MAT 242 Calculus II	3				
	MAT 332 Discrete Mathematics	3				
	MAT 341 Calculus III	3				
	MAT 343 Linear Algebra	3				
OTHER COURSES TOWARD GRADUATION (Required: 120 credit hours)						