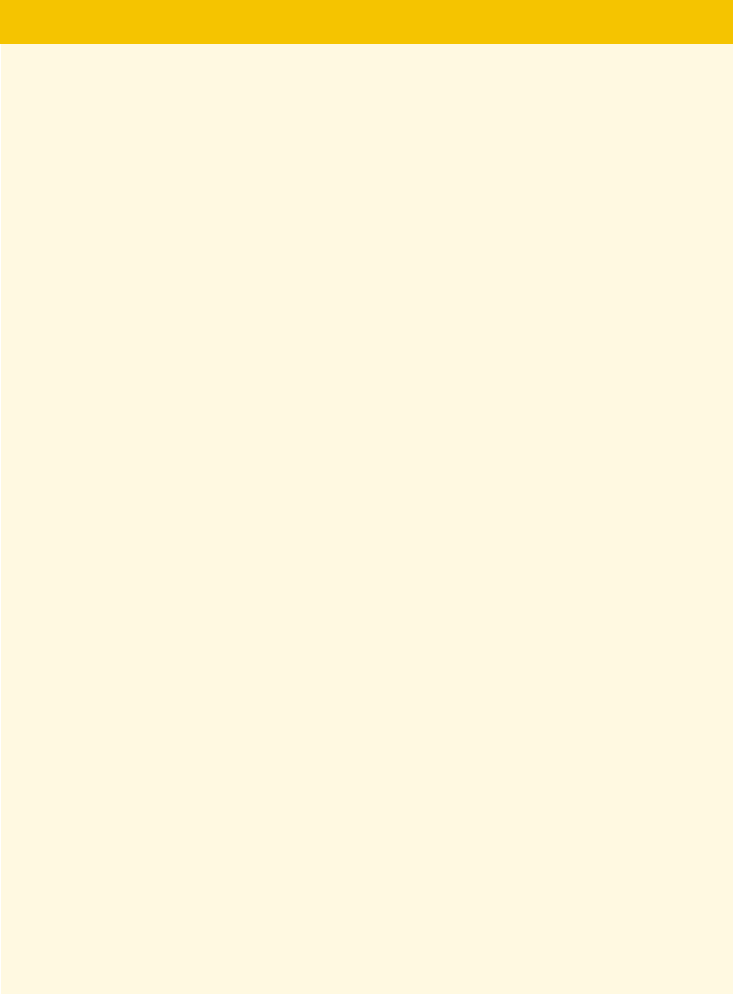


COMPUTER SCIENCE BS PATHWAY

Required Course Listings

★)

Major Requirements (75 units)		
C	C	U
CPTG 121	Introduction to Computer Science I★	4
CPTG 122	Introduction to Computer Science II★	4
CPTG 244	Data Structures★	4
CPTG 245	Computer Organization & Assembly Language Programming★	4
CPTG 255	Systems n & u	



Sequencing

Year 1			Year 1			Year 1		
Fall Quarter (16 units)			Winter Quarter (16 units)			Spring Quarter (14 units)		
Course	C T	U	Course	C T	U	Course	C T	U
CPTG 121	Introduction to Computer Science I★	4	CPTG 122	Introduction to Computer Science II★	4	CPTG 244	Data Structures★	4
MATH 121	College Algebra	4	MATH 122	Trigonometry & Analytical Geometry★	4	ENGL 113	College Writing III★	3
ENGL 111	College Writing I	3	ENGL 112	College Writing II★	3	HLSC 120	Lifetime Fitness	2
UNST 101	First Year Seminar	1	UNST 101	First Year Seminar	1	UNST 101	First Year Seminar	1
HUMN 10X	HUMN Theme Course	4	RELB X00	Theme IIIbiii - Scripture Elective	4	THM1 X00	Theme I Elective	4
Year 2			Year 2			Year 2		
Fall Quarter (16 units)			Winter Quarter (16 units)			Spring Quarter (16 units)		
C T	C T	U	C T	C T	U	C T	C T	U
CPTG 245	Computer Organization & Assembly Language Programming★	4	CPTG 255	Systems & Network Programming★	4	CPTG 324	Programming Languages★†	4
CPTG/C X00	Computer Science Cognate Elective	4	CPTG/C X00	Computer Science Cognate Elective	4	PHYS 117	Introduction to Physics	4
MATH 131	Calculus I★	4	WDLG 152	World Language II★	4	PHYS 117L	Introduction to Physics Lab	0
WDLG 151	World Language I	4	SSCI 20X-SL	SSCI Theme Course (with Service Learning)	4	WDLG 153	World Language III★	4
						THM2 X00	Theme II Elective	4
Year 3			Year 3			Year 3		
Fall Quarter (15.5 units)			Winter Quarter (16 units)			Spring Quarter (17 units)		
C T	C T	U	C T	C T	U	C T	C T	U
CPTG 434	Operating Systems★†	4	CPTG 3/400	Computer Science Upper Division Elective★	4	CPTG 445	Computer Architecture★†	4
CPTG 485	Seminar★	0.5	THM2 X00	Theme II Elective	4	CPTG 485-SL	Seminar (with Service Learning)★†	1
BIOL 111	General Biology I★	4	elct 3/400	Upper Division Elective	4	MATH 276	Discrete Math★†	4
BIOL 111L	General Biology I Lab★	1	elct X00	Elective	4	RLGN 304	Adventism in Global Perspective★	4
elct 3/400	Upper Division Elective	2				THM3 3/400	Theme III Elective Upper Division★	4
elct X00	Elective	4						
Year 4			Year 4			Year 4		
Fall Quarter (15.5 units)			Winter Quarter (16 units)			Spring Quarter (16 units)		
C T	C T	U	C T	C T	U	C T	C T	U
CPTG 485	Seminar★	0.5	CPTG 334	Systems Analysis★†	4	CPTG 3/400	Computer Science Upper Division Elective★	4
CPTG 3/400	Computer Science Upper Division Elective★	4	UNST 404U-SL	Senior Seminar: Religion, Values & Social Responsibility (with Service Learning)★	4	NSCI 40X	NSCI Theme Course★	4
elct 3/400	Upper Division Elective	4	elct X00	Elective	8	THM3 X00	Theme III Elective	4
elct X00	Elective	7				elct 3/400	Upper Division Elective	4