

CS Undergraduate Program's Recommended Course Schedule (effective Fall-2009):
4-year semester-by-semester Master Course Schedule (a total of min 124 s.h. required for B.Sc. degree)

FRESHMAN YEAR (32 semester hours)

FALL semester				SPRING semester			
#	Course	Area	S.h.	#	Course	Area	S.h.
1	CS101	CU	4	1	CS102	CORE	3
2	MTH120	MATH	3	2	CS140	CORE	1
3	Science-1 with Lab (Gen.Ed. in Sci)	FS	4	3	Science-2 with Lab (Gen.Ed. in Sci)	TS	4
4	ENG101 (Gen. Ed. in Compos.)	C1	3	4	MTH121 (Gen. Ed. in Math)	MA	4
5	Fine Arts-1 (Gen. Ed. in Fine Arts)	FA	3	5	COM103 (Gen. Ed. in Speech)	SP	3
		Total	17			Total	15

SOPHOMORE YEAR (31/32 semester hours)

FALL semester				SPRING semester			
#	Course	Area	S.h.	#	Course	Area	S.h.
1	CS210	CORE	3	1	CS215	CORE	3
2	MTH122		4	2	CS220	CORE	3
3	Science Elective		3	3	MATH elective		3
4	WC-1 (Gen. Ed. in Western Civ.)	WC	3	4	Science Elective (with/no lab)		3/4
5	HL-1 (Gen. Ed. in Hum. Val - Lit.)	HL	3	5	SF-1 (Gen. Ed. in Social Forces - 1)	SF1	3
		Total	16			Total	15/16

JUNIOR YEAR (30 semester hours)

FALL semester				SPRING semester			
#	Course	Area	S.h.	#	Course	Area	S.h.
1	CS321	CORE	3	1	CS330	CORE	3
2	CS390	CORE	3	2	CS370	CORE	3
3	Statistics		3	3	FREE-1 (from BU pool or CS/IS pool)	FREE	3
4	C2 (Gen. Ed. in English Composition)	C2	3	4	SF-2 (Gen. Ed. in Social Forces - 2)	SF2	3
5	NW-1 (Gen. Ed. in Non-West Civ.)	NW	3	5	HP-1 (Gen. Ed. in Hum. Val -Phil.)	HP	3
		Total	15			Total	15

SENIOR YEAR (31/30 semester hours)

FALL semester				SPRING semester			
#	Course	Area	S.h.	#	Course	Area	S.h.
1	CS480	CORE	2	1	CS491	CORE	3
2	CS490	CORE	3	2	ELECT-3 (from CS/CIS pool only)	ELECT	3
3	ELECT-1 (from CS/CIS pool only)	ELECT	3	3	ELECT-4 (from CS/CIS pool only)	ELECT	3
4	ELECT-2 (from CS/CIS pool only)	ELECT	3	4	FREE-3 (from BU pool or CS/IS pool)	FREE	4/3
5	FREE-2 (from BU pool or CS/IS pool)	FREE	3	5	FREE-4 (from BU pool or CS/IS pool)	FREE	3
6	ELH301		1				
		Total	15			Total	16/15

Reserved acronyms for required-by-university General Education courses (see Course Schedule book for details)

C1 – English Composition 1	HL – Human Values - Literature
C2 – English Composition 2	HP - Human Values - Philosophy
SP - Speech	SF1 – Social Forces 1
MATH- Mathematics	SF2 – Social Forces 2
WC – Western Civilization	FS – Fundamental Concepts in Science
NW – Non-Western Civilization	TS – Science and Technology
FA – Fine Arts	CU – Computer Usage
	FREE – an elective course from a pool of Bradley acad. courses OR from CS/IS pool (totally 4 courses of this type should be taken)

Acronyms used for CS area courses

ELECT –an elective course from CS/CIS pool of courses (totally 4 elective courses of this type should be taken)	
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- Notes: 1) 12-16 s.h. - full load; the same tuition fee should be paid.
2) 17 or 18 s.h. – extra load; in this case extra tuition fee should be paid.
3) more than 18.5 s.h.- a special permission is required.