SAMPLE COURSE PLAN FOR
COMPUTER SCIENCE MAJOR, SOFTWARE ENGINEERING EMPHASIS
BACHELOR OF SCIENCE DEGREE

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
Subj/Course	Title	Credits	Subj/Course	Title	Credits
CS 221	Obj-Oriented Design & Prg I	3	CS 262	Obj-Oriented Design & Prj II	4
Math 171	Calculus	4	GEN ED	Communication 111	3
GEN ED	Lab Science I (NS)	4	GEN ED	Lab Science II (NS)	4
GEN ED	Composition/WBIS 188	3	GEN ED	Social Science (SS)	3
GEN ED	Physical Education 105	2			
TOTAL		16	TOTAL		14

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Subj/Course	Title	Credits	Subj/Course	Title	Credits
CS 271	Data Structures	4	CS 251	Comp Org and Assb Lang	3
Math Level II	Statistics	3	Physics 311	Digital Instrumentation	4
GEN ED	Non-Western Culture (NW)	3	Math 212	Math for Comp Science	3
GEN ED	History (SS)	3	GEN ED	Social Science Non-History (SS)	3
GEN ED	Humanities – Phil/RS (HU)	3	GEN ED	Humanities - Lit (HU)	3
TOTAL		16	TOTAL		16

THIRD YEAR

FIRST SEMESTER			SECOND SEMESTER		
Subj/Course	Title	Credits	Subj/Course	Title	Credits
CS 341	Software Engineering I	3	CS 331	Programming Langs	3
CS 321	File Structures	3	CS 361	Database Systems	3
CS	Upper Level Elective	3	CS 342	Software Engineering II	3
GEN ED	Adv English Composition	3	GEN ED	Ethnic Studies (ES)	3
GEN ED	Humanities – Fine Arts (HU)	3	GEN ED	Humanities - Any (HU)	3
TOTAL		15	TOTAL		15

FOURTH YEAR

FIRST SEMESTER			SECOND SEMESTER		
Subj/Course	Title	Credits	Subj/Course	Title	Credits
CS 431	Compilers	4	CS 399/490	Internship/Practicum	3
Bus/Math/Sci	Elective	3	Bus/Math/Sci	Elective	3
GEN ED	Social Science (SS)	3	Interdisciplinary 208	Professional Career Skills in Math and Natural Science	1
	Upper Level Elective	3	CS 350	Ethical Issues in Computing	1
	Elective	3		Elective	3
				Elective	3
TOTAL		16	TOTAL		14

*This is a sample schedule that is not intended to substitute for academic advising. For information about other options, students are strongly urged to consult with an academic advisor.

*A minimum of 120 credits are required to earn a Bachelor's degree at UW Oshkosh of which a minimum of 35 credits must be upper level (300-400#), 42 upper-level credits are required for education majors.

*This course plan assumes no remedial course work is required

*This course plan assumes student meets all course prerequisites and program requirements to progress in the major (ie: GPA,Math placement etc.)

*Students are strongly urged to consult with an academic advisor to learn about non-course requirements (ie: portfolios, tests, internships, etc.)

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BACHELOR OF SCIENCE DEGREE

*Students can choose either the Bachelor of Arts (BA) or Bachelor of Science (BS) degree for this major