Revised: January 2005

BACHELOR OF SCIENCE
IN
COMPUTER SCIENCE

GENERAL EDUCATION REQUIREMENTS

Course	When Taken	AR	Grade
Wellness			(3 s.h.)
Art/Music/Theater/Dance			(6 s.h.)
English Composition			(3 s.h.)
Literature			(3 s.h.)
Mathematics			(3 s.h.)
MATH107			
Natural Sciences			(6 s.h.)
Philosophy			(3 s.h.)
Political Science or Economics			(3 s.h.)
Psychology			(3 s.h.)
Sociology/Anthropology/Geography			(3 s.h.)
Speech			(3 s.h.)
World History			(3 s.h.)
General Education Electives			(12 s.h.)

MAJOR REQUIREMENTS

Course			When Taken	AR	Grade
Required Courses		(45 s.h.)			
COMP160	Programming I	B			
COMP161	Programming II	S			
COMP215	Assembler Language	S			
COMP300	Data Structures	F			
COMP375	Systems Programming	FO			
COMP400	Computer Architecture	SE			
COMP405	Software Engineering (WE)	SE			
COMP420	Data Comm & Comp Networks	SO			
COMP455	Operating Systems	SE			
COMP460	Compiler Theory & Design	FE			
COMP465	Database Management Systems	SO			
MATH141	Calculus I	B			
MATH142	Calculus II				
MATH205	Foundations of Mathematics	S			
MATH211	Linear Methods	F			
Major Electives		(21 s.h.)			
Select seven courses from the following.					
At least two must have MATH/PHYS designation.					
At least two must have COMP designation.					
CISC260	Information Tech. Project Mgmt.	S			
CISC255	Database Design	B			
CISC306	Systems Analysis and Design	F			
COMP302	Object Oriented Prog. for Business	Fo/e			
COMP320	COBOL Programming for Business	Fo/e?			
COMP402	Algorithm Analysis & Design	FE			
COMP410	Artificial Intelligence	FE			
COMP415	Structure of Programming Languages	FO			
COMP480	Special Problems	?			
MATH243	Calculus III	F			
MATH301	Differential Equations	F			
MATH302	Number Theory	F			
MATH310	Modern Algebra I	S			
MATH311	Elements of Linear Algebra	S			
MATH312	Probability & Statistics	--			
MATH320	Linear Programming				
MATH350*	Numerical Methods	F			
MATH401	Real Analysis I	F			
MATH404	Applied Mathematics				
MATH410	Introduction to Topology				
MATH480	Special Topics in Mathematics				
PHYS290	Electronics				

Additional (Overlay) Requirements:

Multicultural (MC):	2 courses
Writing Emphasis (WE):	3 courses
Information Literacy (IL):	2 courses
External Experience (EE)	2 units

Suggested Natural Sciences PHYS130 (170)
PHYS131 (171)

Summary: 120 s.h.

General Education	54 s.h.
Required Courses	45 s.h.
Major Electives.	21 s.h.

* Frequency of classes (when offered) is subject to change