BACHELOR of ARTS in COMPUTER SCIENCE
187 Hours, Effective Spring 2007

I. COMPUTER SCIENCE AND ENGR COURSES (78 Hrs.)

A. Required Computer Science Courses (27 Hrs.)

CS 240 Computer Programming I 4 ___
CS 241 Computer Programming II 4 ___
CS 242 Computer Programming III 4 ___
CS 302 Client Server Databases 4 ___
CS 400 Data Structures & Algorithms 4 ___
CS 415 Soc. Implications of Comput. 3 ___
CS 466 Formal Languages 4 ___

B. Required Computer Engineering Courses (16 Hrs.)

CEG 233 Linux and Windows 4 ___
CEG 320 Computer Organization 4 ___
CEG 355 Information Tech Systems 4 ___
CEG 460 Intro. to Software Engineering 4 ___

C. CS/CEG Electives (32 Hrs.)

At least 16 hours must be at the 400 level.

1. _____ ___ ___
2. _____ ___ ___
3. _____ ___ ___
4. _____ ___ ___
5. _____ ___ ___
6. _____ ___ ___
7. _____ ___ ___
8. _____ ___ ___

D. Technical Communication (3 Hrs.)

EGR 335 Technical Communications 3 ___

II. GENERAL EDUCATION (48 Hrs.)

Area I- Communication and Mathematical Skills

ENG 101 - Composition I 4 ___
ENG 102 - Composition II 4 ___
Mathematics (*see Quantitative Reasoning)*

Area II – Cultural-Social Foundations-8 Hrs.

History – Select 1 Course:
CLS 150, HST 101, HST 102, HST 103
_____4 ____
The Non Western World(WI)-Select 1 Course:
CSE/CST,RSE/RST,HLT202,SW272,URS 200
_____4 ____

Area III – Human Behavior – 8 Hrs.

Select Two Courses from Different Rows:
Economics: EC 200(Some WI), EC 290 (WI)
Political Science: PLS 200
Psychology: PSY 105
Sociology (WI): SOC200, SOC205
1._____ 4 ___
2._____ 4 ___

Area IV – Human Expression – 4 Hrs.

Select one course:
Great Books (WI):
CLS, ENG, PHL or REL 204
Fine and Performing Arts:
ART, MUS, TH 214, MP 131 or MUS 290
1. _____ 4 ___

Area V – Natural Science – 12 Hrs.

1. _____ ___ ___
2. _____ ___ ___
3. _____ ___ ___

Additional courses from Areas II, III, and IV- 8 Hrs.

Select one course from two of these three areas. Except for Area II, the course selected must come from a different subcategory than the course(s) chosen to meet the area requirement. (See under- graduate catalog-Gen. Ed. Section for complete details).

1. _____ 4 ___
2. _____ 4 ___

Name: _____ Date: _____
Advisor/Mentor: _____

Area VI – College Component (4 Hrs.)

Select any Area VI College of Liberal Arts College Component Course.
_____ 4 ___

III. QUANTITATIVE REASONING (17 Hrs.)

MTH 228 Calculus for Social Sciences 5 ___
MTH 257 Discrete Mathematics 3 ___
STT 160 Statistical Concepts 5 ___
PHL 223 Symbolic Logic 4 ___

IV. GENERAL ELECTIVES (40 Hrs.)

Must include at least two courses from COM 101, 203, 221 or PHL 124, 200, 211.

1. _____ ___ ___
2. _____ ___ ___
3. _____ ___ ___
4. _____ ___ ___
5. _____ ___ ___
6. _____ ___ ___
7. _____ ___ ___
8. _____ ___ ___
9. _____ ___ ___
10. _____ ___ ___

GENERAL EDUCATION: Courses must be chosen to satisfy the University General Education requirements.
GENERAL ELECTIVES: Courses may be chosen from any area of study. See general policy sheet for exceptions.
SCIENCE COURSES: Courses must meet the General Education science requirements.
CS/CEG ELECTIVES: An approved selection of Computer Science/Computer Engineering electives to provide additional breadth in the discipline.

Wright State University, Department of Computer Science and Engineering
Bachelor of Arts Degree in Computer Science
Model Program

Total Hours: 187
Effective Spring, 2007

	Fall		**Winter**		**Spring**	
	Course	*Hours*	*Course*	*Hours*	*Course*	*Hours*
Freshman	CS 240 Computer Programming I	4	CS 241 Computer Programming II	4	CS 242 Computer Programming III	4
	MTH257 Discrete Mathematics	3	MTH228 Calculus for Soc Sciences	5	STT 160 Statistical Concepts	5
	ENG 101 Composition I	4	ENG 102 Composition II	4	CEG 233 Linux and Windows	4
	PHL 223 Symbolic Logic	4	GEN ED	4	GEN ED	4
		15		17		17
Sophomore	CS 400 Data Structures & Algorithms	4	CS 302 SQL/Oracle Databases	4	GEN ED	4
	Natural Science Sequence (Class 1)	4	General Elective	4	General Elective	4
	GEN ED	8	Natural Science Sequence(Class 2)	4	Natural Science Sequence (Class 3)	4
		16	GEN ED	4	CS/CEG Technical Elective	4
				16		16
Junior	CEG 320 Computer Organization	4	CEG 355 Info. Tech Systems	4	CS 466 Formal Languages	4
	EGR 335 Technical Communications	3	GEN ED	4	CS/CEG Technical Elective	4
	General Elective	4	General Elective	4	General Electives	8
	CS/CEG Technical Elective	4	CS/CEG Technical Elective	4		16
		15		16		
Senior	CEG 460 Software Engineering	4	CS 415 Social Implications of Comp	3	CS/CEG Technical Electives	8
	GEN ED	4	CS/CEG Technical Elective	4	General Elective	4
	CS/CEG Technical Elective	4	General Electives	8		12
	General Elective	4		15		
		16				