

BACHELOR OF ARTS in Computer Science- Business Concentration
187 Hours, Effective Spring 2007

I. COMPUTER SCIENCE AND ENGR COURSES (78 Hours)

A. Required Computer Science Courses (27 hours)

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 Hours)

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 Hours)

At least 16 hours must be at the 400 level.

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

D. Technical Communication (3 Hours)

EGR 335 Technical Communications	3	_____
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II. GENERAL EDUCATION (48 Hours)

Area I- Communication and Mathematical Skills

ENG 101 - Composition I	4	_____
ENG 102 - Composition II	4	_____
Mathematics (see <i>Quantitative Reasoning section</i>)		

Name _____ Date _____

Advisor/Mentor _____

Area II – Cultural-Social Foundations-(8 Hours)

History – Select 1 Course:

CLS 150, HST 101, HST 102, HST 103	4	_____
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The Non Western World(WI) – Select 1Course:

CSE/CST, RSE/RST, HLT 202, SW 272, URS 200	4	_____
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Area III – Human Behavior – 4 Hours

(Partially satisfied by EC 204, EC 205 in Business Concentration)

Select One Course:

Political Science: PLS 200

Psychology: PSY 105

Sociology (WI): SOC200, SOC205

_____	4	_____
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Area IV – Human Expression – 4 Hours

Select one course:

Great Books (WI):

CLS, ENG, PHL or REL 204

Fine and Performing Arts:

ART, MUS or TH 214, MP 131 or MUS 290

_____	4	_____
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Area V – Natural Science – 12 Hours

1. _____

2. _____

3. _____

Additional courses from Areas II, III, and IV- (8 Hours)

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 undergraduate catalog- Gen. Ed. Section for complete details).

1. _____ 4 _____

2. _____ 4 _____

Area VI – College Component 4 Hours

Select any Area VI College of Liberal Arts course.

_____	4	_____
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III. QUANTITATIVE REASONING (17 Hours)

MTH 228 Calculus for Social Sciences 5 _____

MTH 257 Discrete Mathematics 3 _____

STT 160 Statistical Concepts 5 _____

PHL 223 Symbolic Logic 4 _____

IV. BUSINESS CONCENTRATION COURSES (24 hours)

Business Concentration Core (16 Hours)

EC204 Prin of Microeconomics 4 _____

EC205 Prin of Macroeconomics 4 _____

ACC 204 Accounting Principles I 4 _____

ACC 205 Accounting Principles II 4 _____

Business Concentration Electives (8 hours)

Select at least two courses to complement Business option core courses.

1. _____ 4 _____

2. _____ 4 _____

V. GENERAL ELECTIVES (20 Hours)

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

1. _____

2. _____

3. _____

4. _____

5. _____

GENERAL EDUCATION: Courses must be chosen to satisfy the University General Education requirements. Accounting courses in the Business Concentration partially satisfy the Area III requirements.
 GENERAL ELECTIVES: Courses may be chosen from any area of study and approved by a department advisor.
 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: Business Concentration
 Model Program

Total Hours: 187
 Effective Spring, 2007

	Fall		Winter		Spring	
	<i>Course</i>	<i>Hours</i>	<i>Course</i>	<i>Hours</i>	<i>Course</i>	<i>Hours</i>
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	<u>4</u>	GEN ED	<u>4</u>	GEN ED	<u>4</u>
		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	EC 205 Prin. of Macroeconomics	4	General Elective	4
	GEN ED	4	Natural Science Sequence(Class 2)	4	Natural Science Sequence (Class 3)	4
	EC 204 Prin. of Microeconomics	<u>4</u>	GEN ED	<u>4</u>	CS/CEG Technical Elective	<u>4</u>
		16		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
	ACC 204 Accounting Principles I	4	ACC 205 Accounting Principles II	4	Business Elective	4
	CS/CEG Technical Elective	<u>4</u>	CS/CEG Technical Elective	<u>4</u>	General Elective	<u>4</u>
		15		16		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	<u>4</u>
	CS/CEG Technical Elective	4	General Electives	<u>8</u>		12
	Business Elective	<u>4</u>		15		
		16				