BACHELOR OF ARTS in Computer Science- Music Concentration
187 Hours, Spring 2009

I. COMPUTER SCIENCE AND ENGR COURSES (77 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 Comp. 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 Technical Electives (31 Hours)

At least 16 hours must be at the 400 level.

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

Required Music Course – Technical

MUS 465 Computer Applications in Music 3 ___

D. Technical Communication (3 Hours)

EGR 335 Technical Communications 3 ___

II. GENERAL EDUCATION COURSES (48 Hours)

Area I- Communication and Mathematical Skills

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

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

History – Select 1 Course:
CLS 150, HST 101, HST 102, HST 103
_____ 4 ___
The Non Western World(WI) – Select 1Course:
CSE/CST, RSE/RST, HLT 202, SW 272, URS 200
_____ 4 __

Area III – Human Behavior –8 Hours

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

Area IV – Human Expression – 4 Hours

MUS 121 Music Listening 2 ___
MUS 122 Music Listening 2 ___

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

CST 242-Comparative Non-Western Cultures -Music 4 ___

III. QUANTITATIVE REASONING COURSES (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. MUSIC CONCENTRATION COURSES (45 Hours)

Music Theory: (18 hrs)
MUS101,102,103,201,202,203

Sight-Singing: (6 hrs)
MUS 151,152,153,251,252,253

Keyboard: (3 hrs)
MUS 155,156,157

Applied music (6 quarters, 12 hrs)
Large ensemble (6 quarters, 6 hrs)
Recitals: MUS 100 (6 quarters/0 credit)

GENERAL EDUCATION: Courses must be chosen to satisfy the University General Education requirements. 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.

Rev. 6-22-2009

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

Total Hours: 187
Effective Spring, 2009

	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	ENG 102 Composition II	4	CEG 233 Linux and Windows	4
	ENG 101 Composition I	4	MUS 102 Music Theory	3	MUS 103 Music Theory	3
	MUS 101 Music Theory	3	MUS 152 Musicianship	1	MUS 153 Musicianship	1
	MUS 151 Musicianship	1	MUA Applied Music	2	MUA Applied Music	2
	MUA Applied Music	2	MUE Ensemble	1	MUE Ensemble	1
	MUE Ensemble	1	MUS 100 Recital	0	MUS 100 Recital	0
	MUS 100 Recital	0		15		15
		18				
Sophomore	CS 400 Data Structures & Algorithms	4	CS 302 SQL/Oracle Databases	4	GEN ED	4
	MUS 201 Music Theory	3	MUS 202 Music Theory	3	MUS 203 Music Theory	3
	MUS 251 Musicianship	1	MUS 252 Musicianship	1	MUS 253 Musicianship	1
	MUA Applied Music	2	MUA Applied Music	2	MUA Applied Music	2
	MUE Ensemble	1	MUE Ensemble	1	MUE Ensemble	1
	PHL 223 Symbolic Logic	4	MTH228 Calculus for Soc. Sciences	5	STT 160 Statistical Concepts	5
	MUS 100 Recital	0	MUS 100 Recital	0	MUS 100 Recital	0
		15		16		16
Junior	CEG 320 Computer Organization	4	CEG 355 Info. Tech Systems	4	CS 466 Formal Languages	4
	EGR 335 Technical Communications	3	Natural Science Sequence(Class 2)	4	CS/CEG Technical Elective	4
	Natural Science Sequence (Class 1)	4	MUS 156 Keyboard	1	Natural Science Sequence (Class 3)	4
	MUS 155 Keyboard	1	MUS 121 Music Listening (GE)	2	MUS 157 Keyboard	1
	GEN ED	4	MUS 465 Computer Apps. In Music	4	MUS 122 Music Listening (GE)	2
		16		15		15
Senior	CEG 460 Software Engineering	4	CS 415 Social Implications of Comp	3	CS/CEG Technical Electives	8
	CS/CEG Technical Elective	8	CS/CEG Technical Electives	7	GEN EDs	8
	GEN ED	4	GEN ED	4		16
		16		14		