

**B.S. Dual Major Specimen for Computer Science and Music Technology (286BS)**  
**For Students Entering in Fall 2007 or Spring 2008**  
**Co-op Division Z**  
**Revision of June 19, 2008**  
*This degree program requires 138 SH of credit*

<i>Freshman year</i>	CS U200 Discrete Structures and CS U201 (Recitation)	4 SH
A1 - Fall	CS U211 Fundamentals of Computer Science 1 and CS U212 (Lab)	5 SH
	CS U221 CS/IS Overview 1	1 SH
	MUS U201 Music Theory 1	4 SH
	MUS U241 Musicianship 1	1 SH
	ENG U111 College Writing	4 SH
A2 - Spring	CS U213 Fundamentals of Computer Science 2 and CS U214 (Lab)	5 SH
	CS U222 CS/IS Overview 2	1 SH
	CS U290 Logic and Computation	4 SH
	MUS U202 Music Theory 2	4 SH
	MUS U242 Musicianship 2	1 SH
	PSY U101 Foundations of Psychology	4 SH
<i>Sophomore Year</i>	CS U370 Object-Oriented Design	4 SH
A3 - Fall	MUS U220 Music and Technology 1	4 SH
	MUS U308 Principles of Music Literature	4 SH
	MUS U903 Composition Lessons 1	1 SH
	General Elective 1	4 SH
A4 - Spring	CS U390 Theory of Computation	4 SH
	CS U430 Database Design	4 SH
	MUS U221 Music and Technology 2	4 SH
	MUS U903 Composition Lessons 2	1 SH
	General Elective 2	4 SH
<i>Middler Year</i>	CS Elective 1	4 SH
A5 - Fall	MUS U421 Digital Audio Processing	4 SH
	Music Elective 1	4 SH
	MUS U903 Composition Lessons 3	1 SH
	ENG U302 Writing for Careers in Technical Professions	4 SH
<i>Junior Year</i>	CS Elective 2	4 SH
A6 - Fall	MUS U315 History of Electronic Music	4 SH
	MUS U422 Music Composition Seminar 2	4 SH
	MUS U520 Interactive Real-Time Performance	4 SH
<i>Senior Year</i>	CS U670 Software Development	4 SH
A6 - Fall	MUS U610 Composition for Electronic Instruments	4 SH
	Music Elective 2	4 SH
	MUS U903 Composition Lessons 4	1 SH
	SOC U528 Computers and Society	4 SH
A7 - Spring	IS U570 Human-Computer Interaction	4 SH
	CS U600 Senior Seminar	1 SH
	MUS U611 Music Technology Capstone / Recital	4 SH
	General Elective 3	4 SH
	General Elective 4	4 SH

**Notes on Electives:**

*The Comparative Cultures Requirement must be satisfied. If this is done by taking a course then this must also be one of the general electives.*