Sample Four-Year Sequence for EMAC Major
Multisensory Data Design Concentration: 124 credits

Freshman Year					
Fall Semester			**Spring Semester**		
MATH-1500	Cal for Arch/MGMT/HASS	4	MATH-1620	Contemporary Math Ideas in Soc.	4
ARTS-1010	Intro to Music & Sound	4	ARTS-1020	Media Studio Imaging	4
COMM-1510	Intro to COMM Theory & Practice	4	COMM-2610	Intro to Visual Communication	4
CSCI-1100	Intro to Computer Science	4		Science Elective	4

Sophomore Year					
Fall Semester			**Spring Semester**		
	EMAC Writing Elective	4		EMAC Art History Elective	4
	Math or Science Elective	4		Math or Science Elective	4
ARTS-2020	Music & Technology I	4	COMM-4470	Information Design	4
	HASS Humanities Elective	4		HASS Humanities Elective	4

Summer Arch & Junior Year					
Summer Arch Semester			**Fall or Spring Semester***		
	HASS Social Sci Elective	4		Intermediate Course	4
	Free Elective	4		Intermediate Course	4
	Free Elective	4		HASS Social Science Elective	4
				Free Elective	4

Senior Year					
Fall Semester			**Spring Semester**		
ARTS-4870	Creative Data Design	4		Advanced Course	4
	Advanced Course	4	COMM-4350	Creative Seminar II	4
COMM-4340	Creative Seminar I	4		HASS Depth Elective	4
	HASS Depth Elective	4		Free Elective	4

NOTES:

EMAC Concentration: Multisensory Data Design: Students in this concentration must take CSCI 1100 instead of CSCI 1010 to fulfill the computer science requirement.

Writing Course (4 credits)
(*Select one*):
WRIT-1110 Writing for Classroom & Career **(ci)**
WRIT-2110 Rhetoric and Writing   **(ci)**
 WRIT-4550 Proposing and Persuading   **(ci)**
 WRIT-4170 Writing for Promotion and Marketing

Art History or Theory Course (4 credits)
(*Select one*):
ARTS-1050 Art History
ARTS-2540 The Multimedia Century   **(ci)**

Intermediate Courses (16 credits)
Select both courses:
COMM-4470 Information Design
ARTS-2020 Music and Technology I
Select one course:
COMM-4690 Interface Design
COMM-496x Interactive Data Visualization
Select one course:
ARTS-4010 Interactive Arts Programming
ARTS-4060 3D Visual Effects
COMM-4460 Visual Design
COMM 4660 Visual Literacy
COMM-4690 Interface Design (if not selected as required Intermediate Course above)
COMM-496x Interactive Data Visualization (if not selected as required Intermediate Course above)

Advanced Courses (12 credits)
Select one course:
ARTS-496x Creative Data Design
CSCI-4550 Interactive Visualization
Select one course:
MGMT-496x Technology Fundamentals for Analytics
ARCH-4860 Applied Psychoacoustics
Select one course:
ARTS-4964 Art Code and Interactivity
ARTS-4020 Advanced Digital 3D Projects
ARCH-4860 Applied Psychoacoustics
COMM-496x Interactive Data Visualization (if not selected as Intermedia Course)
COMM-4940 Undergraduate Research (project should focus on data visualization and/or sonification)

COMM-4300 Communication Internship (should focus on data visualization and/or sonification)
CSCI-496x Data and Society
CSCI-496x Interactive Visualization
MGMT-496x Technology Fundamentals for Analytics

Senior Creative Seminar I and II (8 credits)
Project should focus on data visualization and/or sonification.