Music Humanics

A unique feature of studying at Northeastern University – in addition to co-op opportunities – is the university's forward-thinking approach to equipping students to thrive in a world of increasingly intelligent machines. The new realities of the 21st century call for an updating of education to cultivate both human-machine collaborations and special human capacities (such as creativity, sociality, and ethical reasoning). The result is a focus on synthesizing humanities and sciences, qualitative and quantitative domains, a synthesis called *humanics*, involving human, technological, and data literacies.

The Music Humanics track offers a course of study in music that also encompasses these three essential 21st-century literacies. Music is a medium of emotional communication, spiritual practice, creative expression, social bonding and community formation; it is a product and driver of human-technology interactions from musical instruments to recording studios to computers, and of developments in artificial intelligence and machine learning; and it is a rich field for data analysis, to advance business interests as well as research. The Music Humanics track not only offers courses that delve into music's cultural, technological, and quantitative dimensions, but emphasizes interconnections between these areas - so that as students develop technological and quantitative skills with which to advance musical creativity, industry and research, they also develop sophisticated understandings of history and culture with which to reason about the implications for human experience and community. These music courses also appear in our other advising paths, as well as our other music majors (BS in Music Industry and BS in Music Technology), meaning that any course of study in music will also foster students' development of human, technological and/or data literacies.

Music Humanics advisors: Deirdre Loughridge ([faculty bio & contact info](#)), Ron Smith ([faculty bio & contact info](#))

Technological Literacies	Technology-Human	Human Literacies	Human-Data	Data Literacies
MUST 1220 Intro to Music Tech* Additional electives: MUST 2431 Computer Music Fundamentals MUST 4520 Interactive Music Programming	MUSC 2320 40,000 Years of Music Technology* MUSC 3352 Sounding Human* Capstone option: MUST 4611 Music Technology Capstone/Senior Recital	Take at least one*: MUSC 2330 Musical Communities of Boston MUSC 3353 Music and the Racial Imagination MUSI 3351 Music and Social Justice	Take at least one: MUSC xxxx Music Perception and Cognition MUSC xxxx Creative Cognition MUSI 2233 Music in the Online and Mobile Environment Capstone option: MUSI 5900 Ethnography in Creative Industries Recommended non-music electives:	MUSC 2350 Acoustics and Psychoacoustics of Music* Additional elective: MUST 3421 Digital Audio Processing

			INSH 1500 Digital Methods for Social Sciences and Humanities INSH 2102 Bostonography: The City through Data, Texts, Maps, and Networks	
* indicates these courses fulfill the Music in Context requirements and one music theory requirement for the BA in Music To complete the BA in Music, also take: Music in Everyday Life Music Theory 1 1 additional music theory elective 3 Music Humanics electives (from additional electives listed above) 1 Music Humanics capstone (from the two options listed above)				

About BA in Music paths:
- BA in Music students are not required to follow one path, but are encouraged to explore them and consult relevant path advisors as they discover their passions and the field's possibilities.
- All paths assume that the student will take MUSC 1000 Music at Northeastern, and MUSC 1001 Music in Everyday Life.
- The number of music electives recommended may exceed the number of music electives required for the major (4).
- Recommended non-music electives do not count toward major requirements.

Last updated: July 2019