MUSIC AND AI CERTIFICATE

Certificate in Music and Artificial Intelligence

(4 units, open to all undergraduate students)

Students will complete **4 courses** from the list below. Coursework for the certificate may not be applied to any other major or minor requirements.

Prerequisites:

- COMP_SCI 110, COMP_SCI 150 or equivalent programming coursework in Python
- Note that many upper level COMP_SCI courses also require COMP_SCI 111 and COMP_SCI 214-2

Choose at least 2 of the following music courses:

- MUS_THRY 251 Introduction to Music Cognition
- MUSIC 320 Listening in the Age of the Algorithm
- MUS_THRY 348 Corpus Studies
- MUS_THRY 335 Selected Topics in Music Theory
- MUS_THRY 336 Selected Topics in Music Cognition

Choose at least 2 of the following computer science courses:

- COMP_SCI 325, 326, 338, 347, 348, 349, 372, 461, 449, 461, 463
- COMP_SCI 313 Tangible Interaction Design and Learning
- COMP_SCI 375 Digital Instrument Design
- COMP_SCI 352 Machine Perception of Music & Audio