Department of Music & Performing Arts Professions

${\tt UEMTBDBMUS-Dual\ Degree:\ Music\ Technology\ (B.Mus./M.M.)}$

Program of Study

2022-2023

	Total Units Required	160	l		
Liberal Arts Require		40		Core Requirements	29
College Core Curric Foreign Language	culum (CORE)	28 4	Course Number MPATE-UE 1001	Course Title	Units
Expository Writing		8	MPATE-UE 1003	Analog Recording Technology Digital Recording Technology	3
Course Number	Course Title	Units	MPATE-UE 1010	Introduction to Audio for Video	2
EXPOS-UA 1	Writing the Essay	4	MPATE-UE 1011	Concert Recording	2
ACE-UE 110	The Advanced College Essay	4	MPATE-UE 1037	Electronic Music Synthesis: Fundamental Techniques	3
Foundations of Con		4	MPATE-UE 1047	Computer Music Synthesis: Fundamental Techniques	3
	rom <u>one</u> of the following:		MPATE-UE 1801	Fundamentals of Music Technology	2
Course Number	Course Title	Units	MPATE-UE 1817	Analog Electronics	3
CORE-UA xxx/ST- CORE-UE*	Texts and Ideas		MPATE-UE 1818	Digital Electronics	3
CORE-UA xxx/ST- CORE-UE*	Cultures and Contexts		MPATE-UE 1820	Internship in Music Technology	3
CORE-UA xxx/ST- CORE-UE*	Expressive Culture		MPATE-UE 1827	Analog Electronics Lab	1
CORE-UA xxx/ST- CORE-UE*	Societies & Social Sciences		MPATE-UE 1828	Digital Electronics Lab	1
Foundations of Scient	entific Inquiry	12	MPATE-UE 1900	Music Technology Undergraduate Capstone Project	0-3
Course Number	Course Title	Units	MPATE-UE 92	Collegium & Program Seminar	0
CORE-UA xxx/ST-					U
CSCI-UA xxx	Mathematics/Computer Science**	4	Music Technology	Guided Specializations: Chosen by advisement.	17
CORE-UA xxx/ST- CSCI-UA xxx	Mathematics/Computer Science**	4	Sample courses b	oy area of interest shown below.	
CORE-UA xxx/ST- CORE-UE*	Physical/Life Science**	4	Recording and Pro	oduction	
Other Liberal Arts F	Requirements	8	Course Number	Course Title	Units
Course Number	Course Title	Units	MPATE-UE 1005	Studio Production Techniques	4
MPATC-UE 1068	Music History II: Baroque & Classical	2	MPATE-UE 1006	Applied Studie Production	4
MPATC-UE 1077	Music History III: 19th Century	2	MPATE-UE 1070	Software Music Production	3
Choose 4 units from	the Music History courses below:		MPATE-UE 1136	Mixing in the Digital Audio Workstation	3
Course Number	Course Title	Units	MPATE-UE 1227	Aesthetics of Recording	3
MPATC-UE 1067	Music History I: Med. & Renaissance	2	Hardware/Softwar	re	
MPATC-UE 1078	Music History IV: 20th Century	2	Course Number	Course Title	Units
MPATC-UE 1195	Songwriting History and Criticism I (14 Songs)	2	MPATE-UE 1008	Fundamentals of Audio Technology II: Studio Maintenance	3
MPATC-UE 1196	Songwriting History and Criticism II (14 Songs)	2	MPATE-UE 1009	Fundamentals of Audio Technology I: Studio Maintenance	3
MPATC-UE 1500	Film Music: Historical Aesthetics Approaches	2	MPATE-UE 1014	MIDI Technology II	3
MPATC-UE 1505	The Performing Arts in Global Cultures	2	MPATE-UE 1017	Electronic Product Design for Music and Audio	3
MPAVP-UE 1351	Music Theatre History II	2	MPATE-UE 9055	Sound Design and Specialization at IRCAM	6
MPAVP-UE 1352	Music Theatre History I	2	Electronic Perform	5	0
MPAJZ-UE 1121	Reference and Research in Jazz	2	Course Number	Course Title	Units
		4	MPATE-UE 1019	Electronic Music Performance	2
Liberal Arts Elective Undergraduate Specialization Requirements		88	MPATE-UE 1038	Global Electronic Music 1	
Indergraduate Sne					3
					3
Music Core Requirr	ments	23-27	MPATE-UE 1225	Applied Audio for Video	3
Music Core Requirr	nents Course Title	23-27 Units	MPATE-UE 1225 MPATE-UE 1633	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance	3
Music Core Requirr Course Number MPATC-UE 18/19	Course Title Basic Musicianship *based on placement exam	23-27 Units 2-4	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance	3 3 3
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6	Course Title Basic Musicianship *based on placement exam Aural Comprehension I	23-27 Units 2-4	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Elect	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance	3 3
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6 MPATC-UE 7	Course Title Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension II	23-27 Units 2-4 1	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electives	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musi	3 3 3 19
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6 MPATC-UE 7 MPATC-UE 8	Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension II Aural Comprehension III	23-27 Units 2-4 1 1 1	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electives Examples: Comput	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musi ter Science double major, minor, BEMT minor, other minors,	3 3 3 19
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6 MPATC-UE 7 MPATC-UE 8 MPATC-UE 35	Course Title Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension II Aural Comprehension III Music Theory I	23-27 Units 2-4 1 1 2	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electives Examples: Comput	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musical science double major, minor, BEMT minor, other minors, or composition lessons.	3 3 3 19 addition
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6 MPATC-UE7 MPATC-UE8 MPATC-UE35 MPATC-UE36	Course Title Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension II Aural Comprehension III Music Theory I Music Theory II	23-27 Units 2-4 1 1 2 2	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electices Examples: Compute private instrument of Additional Requires	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musical science double major, minor, BEMT minor, other minors, or composition lessons.	3 3 3 19 addition
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6 MPATC-UE 7 MPATC-UE 8 MPATC-UE 35 MPATC-UE 36 MPATC-UE 37	Course Title Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension III Aural Comprehension III Music Theory I Music Theory III Music Theory III	23-27 Units 2-4 1 1 2 2 2	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electelectives Examples: Compute private instrument of Additional Require Course Number	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musical science double major, minor, BEMT minor, other minors, or composition lessons. Tements Course Title	3 3 3 19 addition
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6 MPATC-UE 7 MPATC-UE 8 MPATC-UE 35 MPATC-UE 36 MPATC-UE 37	Course Title Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension II Aural Comprehension III Music Theory I Music Theory II	23-27 Units 2-4 1 1 2 2	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electices Examples: Compute private instrument of Additional Requires	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musical science double major, minor, BEMT minor, other minors, or composition lessons.	3 3 3 19 addition
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6 MPATC-UE 7 MPATC-UE 8 MPATC-UE 35 MPATC-UE 36 MPATC-UE 37 MPATC-UE 38	Course Title Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension III Aural Comprehension III Music Theory I Music Theory III Music Theory IIV (a)	23-27 Units 2-4 1 1 2 2 2	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electelectives Examples: Compute private instrument of Additional Require Course Number	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musical er Science double major, minor, BEMT minor, other minors, or composition lessons. Tements Course Title New Student Seminar Writing Proficiency Examination	3 3 19 addition
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6 MPATC-UE 7 MPATC-UE 8 MPATC-UE 35 MPATC-UE 36 MPATC-UE 37 MPATC-UE 38 MPATC-UE 38	Course Title Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension III Aural Comprehension III Music Theory I Music Theory III Music Theory IIV (a) OR	23-27 Units 2-4 1 1 2 2 2 2	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electives Examples: Comput private instrument of Additional Require Course Number SAHS-UE 1	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musical er Science double major, minor, BEMT minor, other minors, or composition lessons. Tements Course Title New Student Seminar Writing Proficiency Examination urriculum	3 3 3 19 addition
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6 MPATC-UE 7 MPATC-UE 8 MPATC-UE 35 MPATC-UE 36 MPATC-UE 37 MPATC-UE 38 MPATC-UE 38 MPATC-UE 38 MPATC-UE 1039 MPAPE-UE 72	Course Title Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension III Aural Comprehension III Music Theory I Music Theory III Music Theory III Music Theory IIV (a) OR Jazz Theory and Ear Training I	23-27 Units 2-4 1 1 2 2 2 2 2	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electives Examples: Comput private instrument of Additional Require Course Number SAHS-UE 1 Graduate Level Computer 1225	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musical er Science double major, minor, BEMT minor, other minors, or composition lessons. Tements Course Title New Student Seminar Writing Proficiency Examination urriculum	3 3 3 19 addition 4 Units 0
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6 MPATC-UE 7 MPATC-UE 8 MPATC-UE 35 MPATC-UE 36 MPATC-UE 37 MPATC-UE 38 MPATC-UE 38 MPATC-UE 38 MPATC-UE 38 MPATC-UE 73	Course Title Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension III Aural Comprehension III Music Theory I Music Theory III Music Theory III Music Theory IV (a) OR Jazz Theory and Ear Training I Keyboard Skills I Keyboard Skill II Private Instruction in the instrument of your	23-27 Units 2-4 1 1 2 2 2 2 1	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electives Examples: Comput private instrument of Additional Require Course Number SAHS-UE 1 Graduate Level Courses	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musical ter Science double major, minor, BEMT minor, other minors, or composition lessons. Tements Course Title New Student Seminar Writing Proficiency Examination Description of the profice	3 3 3 19 addition 4 Units 0
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6 MPATC-UE 7 MPATC-UE 35 MPATC-UE 36 MPATC-UE 37 MPATC-UE 38 MPATC-UE 38 MPATC-UE 38 MPATC-UE 1039 MPAPE-UE 72 MPAPE-UE 73 MPAXX-UE xxxx	Course Title Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension III Aural Comprehension III Music Theory I Music Theory III Music Theory III Music Theory IV (a) OR Jazz Theory and Ear Training I Keyboard Skills I Keyboard Skill II	23-27 Units 2-4 1 1 2 2 2 1 1 1 1 1 1 1 1	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electives Examples: Comput private instrument of Additional Require Course Number SAHS-UE 1 Graduate Level Correse Number MPATE-GE 2047 MPATE-GE	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musical er Science double major, minor, BEMT minor, other minors, or composition lessons. Tements Course Title New Student Seminar Writing Proficiency Examination Durriculum Course Title Advanced Computer Music Composition	3 3 3 19 addition 4 Units 0
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6 MPATC-UE 7 MPATC-UE 8 MPATC-UE 35 MPATC-UE 36 MPATC-UE 37 MPATC-UE 38 MPATC-UE 37 MPATC-UE 38 MPATC-UE 1039 MPAPE-UE 72 MPAPE-UE 73 MPAXX-UE xxxx	Course Title Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension III Aural Comprehension III Music Theory I Music Theory III Music Theory IV (a) OR Jazz Theory and Ear Training I Keyboard Skill II Private Instruction in the instrument of your choice (Lessons are 2-3 units per semester)	23-27 Units 2-4 1 1 2 2 2 2 1 1 6	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electives Examples: Comput private instrument of Additional Require Course Number SAHS-UE 1 Graduate Level Correse Number MPATE-GE 2047 MPATE-GE 2599+2598	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musical er Science double major, minor, BEMT minor, other minors, or composition lessons. Tements Course Title New Student Seminar Writing Proficiency Examination Urriculum Course Title Advanced Computer Music Composition Fundamental Digital Signal Theory and Lab	3 3 19 addition 4 Units 0 32 Units 3 4
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6 MPATC-UE 7 MPATC-UE 8 MPATC-UE 35 MPATC-UE 36 MPATC-UE 37 MPATC-UE 38 MPATC-UE 38 MPATC-UE 72 MPAPE-UE 73 MPAPE-UE 73 MPAXX-UE xxxx	Course Title Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension III Aural Comprehension III Music Theory I Music Theory II Music Theory III Music Theory IV (a) OR Jazz Theory and Ear Training I Keyboard Skills I Keyboard Skills II Private Instruction in the instrument of your choice (Lessons are 2-3 units per semester) Performance Ensembles	23-27 Units 2-4 1 1 2 2 2 2 1 1 6	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electices Examples: Comput private instrument of Additional Requires Course Number SAHS-UE 1 Graduate Level Courses Number MPATE-GE 2047 MPATE-GE 2599+2598 MPATE-GE 2601	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musical er Science double major, minor, BEMT minor, other minors, or composition lessons. Course Title New Student Seminar Writing Proficiency Examination Urriculum Course Title Advanced Computer Music Composition Fundamental Digital Signal Theory and Lab Colloquy (Thesis Preparation)	3 3 3 19 addition 4 Units 0 32 Units 3 4 3
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6 MPATC-UE 7 MPATC-UE 8 MPATC-UE 35 MPATC-UE 36 MPATC-UE 37 MPATC-UE 38 MPATC-UE 38 MPATC-UE 72 MPAPE-UE 73 MPAPE-UE 73 MPAXX-UE xxxx	Course Title Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension III Aural Comprehension III Music Theory I Music Theory II Music Theory III Music Theory IV (a) OR Jazz Theory and Ear Training I Keyboard Skills I Keyboard Skills II Private Instruction in the instrument of your choice (Lessons are 2-3 units per semester) Performance Ensembles	23-27 Units 2-4 1 1 2 2 2 2 1 1 6	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electicelectives Examples: Comput private instrument of Additional Require Course Number SAHS-UE 1 Graduate Level Courses Number MPATE-GE 2047 MPATE-GE 2599+2598 MPATE-GE 2601 MPATE-GE 2602	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musical ter Science double major, minor, BEMT minor, other minors, or composition lessons. Tements Course Title New Student Seminar Writing Proficiency Examination Durriculum Course Title Advanced Computer Music Composition Fundamental Digital Signal Theory and Lab Colloquy (Thesis Preparation) Thesis in Music Technology I (Thesis Defense)	3 3 3 19 addition 4 Units 0 32 Units 3 4 3 1
Music Core Require Course Number MPATC-UE 18/19 MPATC-UE6 MPATC-UE 7 MPATC-UE 35 MPATC-UE 36 MPATC-UE 37 MPATC-UE 38 MPATC-UE 38 MPATC-UE 38 MPATC-UE 72 MPAPE-UE 73 MPAPE-UE 73 MPAXX-UE xxxx MPAXX-UE xxxx	Course Title Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension III Aural Comprehension III Music Theory I Music Theory II Music Theory III Music Theory IV (a) OR Jazz Theory and Ear Training I Keyboard Skills I Keyboard Skills II Private Instruction in the instrument of your choice (Lessons are 2-3 units per semester) Performance Ensembles	23-27 Units 2-4 1 1 2 2 2 2 1 1 6	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electicelectives Examples: Comput private instrument of Additional Require Course Number SAHS-UE 1 Graduate Level Courses Number MPATE-GE 2047 MPATE-GE 2047 MPATE-GE 2601 MPATE-GE 2602 MPATE-GE 2603	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musical er Science double major, minor, BEMT minor, other minors, or composition lessons. Course Title New Student Seminar Writing Proficiency Examination Urriculum Course Title Advanced Computer Music Composition Fundamental Digital Signal Theory and Lab Colloquy (Thesis Preparation)	3 3 3 19 addition 4 Units 0 32 Units 3 4 3 1 1
Undergraduate Spe Music Core Require Course Number MPATC-UE 18/19 MPATC-UE 6 MPATC-UE 7 MPATC-UE 35 MPATC-UE 35 MPATC-UE 36 MPATC-UE 37 MPATC-UE 38 MPATC-UE 37 MPATC-UE 38 MPATC-UE 38 MPATC-UE 38 MPAPE-UE 72 MPAPE-UE 73 MPAPE-UE 73 MPAXX-UE xxxx MPAXX-UE xxxx MPAXX-UE xxxx MPAXX-UE xxxx	Course Title Basic Musicianship *based on placement exam Aural Comprehension I Aural Comprehension III Aural Comprehension III Music Theory I Music Theory II Music Theory III Music Theory IV (a) OR Jazz Theory and Ear Training I Keyboard Skills I Keyboard Skills II Private Instruction in the instrument of your choice (Lessons are 2-3 units per semester) Performance Ensembles	23-27 Units 2-4 1 1 2 2 2 2 1 1 6	MPATE-UE 1225 MPATE-UE 1633 MPATE-UE 2031 Unrestricted Electicelectives Examples: Comput private instrument of Additional Require Course Number SAHS-UE 1 Graduate Level Courses Number MPATE-GE 2047 MPATE-GE 2599+2598 MPATE-GE 2601 MPATE-GE 2602	Applied Audio for Video Advanced Topics in Music Technology: Multichannel Media Installation and Performance Distributed Performance tives by advisement for double majors, minors, and musical ter Science double major, minor, BEMT minor, other minors, or composition lessons. Tements Course Title New Student Seminar Writing Proficiency Examination Durriculum Course Title Advanced Computer Music Composition Fundamental Digital Signal Theory and Lab Colloquy (Thesis Preparation) Thesis in Music Technology I (Thesis Defense)	3 3 3 19 addition 4 Units 0 32 Units 3 4 3 1

required for completion.