

# MUA - MUSIC ENSEMBLES AND GENERAL COURSES

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## **MUA 0804 Warrior Band Cr. 0**

Warrior band performs for all home football games during fall term and basketball games during late fall and winter terms. Performances for University special events may be scheduled. Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to Undergraduate level students.

## **MUA 0900 General Lectures and Concerts Cr. 0**

Lectures by visiting scholars; recitals by invited guest artists; student and faculty recitals, concerts and convocations. Offered Fall, Winter.

## **MUA 1700 Guitar Class Cr. 2**

Fundamentals in guitar playing; techniques, hand positions, bar chords, general performance practices. Offered Fall, Winter.

**Fees:** \$75

**Repeatable for 8 Credits**

## **MUA 1710 Piano Class Cr. 2**

Rudiments of rhythmic and staff notation, beginning keyboard technique, hand positions, scales, simple compositions. Offered Fall, Winter.

**Fees:** \$75

**Repeatable for 8 Credits**

## **MUA 1720 Voice Techniques and Pedagogy Cr. 2**

Fundamentals in voice training and pedagogy for music majors. Offered Fall.

**Prerequisite:** MUT 1140 with a minimum grade of C and MUT 1150 with a minimum grade of C

**Repeatable for 8 Credits**

## **MUA 1730 String Techniques and Pedagogy Cr. 2**

Techniques and fundamental problems in the playing and teaching of stringed instruments. Offered Fall, Winter.

**Prerequisites:** MUT 1140 with a minimum grade of D- or MUT 1100 with a minimum grade of D-

**Restriction(s):** Enrollment is limited to students with a major in Music or Music Honors.

**Fees:** \$75

**Repeatable for 6 Credits**

## **MUA 1740 Woodwind Techniques and Pedagogy Cr. 2**

Techniques and fundamental problems in the playing and teaching of woodwind instruments. Offered Fall, Winter.

**Prerequisites:** MUT 1140 with a minimum grade of D- or MUT 1100 with a minimum grade of D-

**Restriction(s):** Enrollment is limited to students with a major in Music or Music Honors.

**Fees:** \$75

**Repeatable for 6 Credits**

## **MUA 1750 Brasswind Techniques and Pedagogy Cr. 2**

Techniques and fundamental problems in the playing and teaching of brasswind instruments. Offered Fall.

**Prerequisites:** MUT 1140 with a minimum grade of D- or MUT 1100 with a minimum grade of D-

**Restriction(s):** Enrollment is limited to students with a major in Music or Music Honors.

**Fees:** \$75

**Repeatable for 6 Credits**

## **MUA 1760 Percussion Techniques and Pedagogy Cr. 2**

Techniques and fundamental problems in the playing and teaching of percussion instruments. Offered Fall.

**Prerequisites:** MUT 1140 with a minimum grade of D- or MUT 1100 with a minimum grade of D-

**Restriction(s):** Enrollment is limited to students with a major in Music or Music Honors.

**Fees:** \$75

## **MUA 1795 Piano Skills I Cr. 2**

Repertoire, scales, sight reading, harmonization, and simple transpositions. Offered Every Term.

**Prerequisites:** MUA 1710 with a minimum grade of C

**Restriction(s):** Enrollment is limited to students with a major in Music or Music Honors; enrollment limited to students in the BA in Fine Arts or Bachelor of Music programs.

**Fees:** \$75

## **MUA 2400 Survey of the Music Business Cr. 3**

**Satisfies General Education Requirement:** Social Inquiry

Overview of music business, intellectual property basics, and music business careers. Survey of the economic structure and social institutions of the music industry. Examination of problems in cultural careers. Offered Winter.

## **MUA 2500 Music Technology Cr. 3**

Introductory class on music technology. Learn to record, edit, and export music using a computer. Learn the basics of audio hardware setup for music, multimedia, and classes. Offered Every Term.

**Fees:** \$75

## **MUA 2510 Studio Recording Techniques Cr. 2**

Learn techniques of multi-track recording. Students will learn how to observe and understand equipment in a professional recording studio. Offered Fall.

**Prerequisite:** MUA 2500 with a minimum grade of C

**Restriction(s):** Enrollment is limited to students with a major in Music or Music Honors.

**Fees:** \$75

## **MUA 2530 Electronic Music Synthesis Cr. 3**

Learn to create sounds by manipulating electronic signals. Topics include fundamentals of synthesizers, theories of digital signal processing, and principle of sound design. Offered Fall.

**Prerequisite:** MUA 2500 with a minimum grade of C

**Fees:** \$75

## **MUA 2720 Voice Class Cr. 2**

Fundamentals in voice training. Correct breathing: tone placement: articulation vocalises. Offered Fall, Winter.

**Repeatable for 8 Credits**

## **MUA 2795 Piano Skills II Cr. 2**

Continuation of MUA 1795; development of basic piano skills to a higher level. Offered Winter, Spring/Summer.

**Prerequisite:** MUA 1795 with a minimum grade of C

**Restriction(s):** Enrollment is limited to students with a major in Music; enrollment limited to students in the BA in Fine Arts or Bachelor of Music programs.

**Fees:** \$75

## **MUA 2800 University Bands Cr. 1**

. Offered Fall, Winter.

**Fees:** \$30

**Repeatable for 99 Credits**

## **MUA 2802 Chamber Winds Cr. 1**

Offered Fall, Winter.

**Fees:** \$25

**Repeatable for 10 Credits**

**MUA 2804 Warrior Band Cr. 1**

Warrior band performs for all home football games during fall term and basketball games during late fall and winter terms. Performances for University special events may be scheduled. Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to Undergraduate level students.

**Fees:** \$30

**Repeatable for 8 Credits**

**MUA 2806 Campus Band Cr. 0**

Co-curricular concert band open to all University students. Campus Band performs one formal concert during winter term. Performances for University special events may be scheduled. Offered Winter.

**Restriction(s):** Enrollment is limited to Undergraduate level students.

**Fees:** \$30

**MUA 2810 University Symphony Orchestra Cr. 1**

Offered Fall, Winter.

**Fees:** \$30

**Repeatable for 99 Credits**

**MUA 2820 Jazz Big Band Cr. 1**

Offered Fall, Winter.

**Fees:** \$30

**Repeatable for 99 Credits**

**MUA 2822 Jazz Guitar Ensemble Cr. 1**

Large ensemble for jazz guitar majors/principals. Offered Every Term.

**Restriction(s):** Enrollment is limited to students with a major in Music or Music Honors.

**Fees:** \$30

**Repeatable for 99 Credits**

**MUA 2824 Jazztet Cr. 1**

Select ensemble for jazz majors. Offered Every Term.

**Restriction(s):** Enrollment is limited to students with a major in Music or Music Honors.

**Fees:** \$25

**Repeatable for 10 Credits**

**MUA 2826 Jazz Combos Cr. 1**

Small ensemble for jazz majors. Offered Every Term.

**Restriction(s):** Enrollment is limited to students with a major in Music or Music Honors.

**Fees:** \$25

**Repeatable for 10 Credits**

**MUA 2830 Men's Glee Club Cr. 1**

Music majors must enroll for one credit to satisfy degree requirements. Offered Fall, Winter.

**Fees:** \$20

**Repeatable for 99 Credits**

**MUA 2840 Choral Union Cr. 1**

Offered Fall, Winter.

**Fees:** \$30

**Repeatable for 99 Credits**

**MUA 2850 Concert Chorale Cr. 1**

Offered Fall, Winter.

**Fees:** \$30

**Repeatable for 99 Credits**

**MUA 2860 Opera Workshop Cr. 1**

Offered Fall, Winter.

**Fees:** \$30

**Repeatable for 10 Credits**

**MUA 2870 Women's Chorale Cr. 1**

Offered Fall, Winter.

**Fees:** \$25

**Repeatable for 99 Credits**

**MUA 2880 Chamber Music and Special Ensembles Cr. 1**

All forms including: flute ensemble, percussion ensemble, string trios and quartets, small wind or brass ensembles, and mixed ensembles. Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to students with a major in Music.

**Fees:** \$25

**Repeatable for 10 Credits**

**MUA 2891 Electronic Music Ensemble Cr. 1**

Learn to play electronic instruments in an ensemble. Current and vintage electronic instruments as well as approved traditional instruments are being used to perform contemporary electronic music repertoire. Offered Fall, Winter.

**Prerequisite:** MUA 2500 with a minimum grade of C or MUA 2530 with a minimum grade of C

**Fees:** \$75

**Repeatable for 2 Credits**

**MUA 3500 Music IP and Stakeholders Cr. 3**

Exploration of intellectual property and music law, including copyright, contracts, music licensing, and negotiation. In-depth examination of relationships between stakeholder entities. Offered Fall.

**MUA 3510 Mixing and Mastering Cr. 2**

Students will learn project management skills through proper session documentation and billing. Topics include surround sound mixing, live sound, and large ensemble production techniques. Offered Winter.

**Prerequisite:** MUA 2510 with a minimum grade of C

**Fees:** \$75

**MUA 3530 Advanced Music Synthesis Cr. 3**

Covers the basics of audio programming using text-based audio applications. Students will learn to create their own plugins and software synthesizers. Offered Winter.

**Prerequisite:** MUA 2530 with a minimum grade of C

**Fees:** \$75

**MUA 3550 Advanced Studio Techniques Cr. 2**

Examines project management skills through proper session documentation and billing. Topics include surround sound mixing, live sound, and large ensemble production techniques. Offered Fall.

**Prerequisite:** MUA 3510 with a minimum grade of C

**Fees:** \$75

**MUA 3670 Conducting Techniques I Cr. 2**

Rudiments of conducting; special attention to baton techniques. Offered Fall.

**Prerequisite:** MUT 2160 with a minimum grade of C and MUT 2170 with a minimum grade of C

**MUA 3680 Conducting Techniques II Cr. 2**

Continuation of MUA 3670. Score reading and rehearsal techniques. Offered Winter.

**Prerequisite:** MUA 3670 with a minimum grade of C

**MUA 3795 Advanced Piano Skills Cr. 2**

Continuation of MUA 2795; emphasis on jazz skills and styles. Offered Fall.

**Prerequisite:** MUA 2795 with a minimum grade of C

**Restriction(s):** Enrollment limited to students in the Bachelor of Music program.

**Fees:** \$75

**MUA 3990 Directed Study Cr. 1-3**

Individualized research and work in a particular aspect of music under the supervision of a faculty member. Offered Fall, Winter.

**Restriction(s):** Enrollment limited to students with a class of Junior or Senior; enrollment is limited to students with a major, minor, or concentration in Music or Music Honors.

**Repeatable for 6 Credits**

**MUA 4000 Marketing and Artist Management in Music Cr. 3**

Artist management theory and practice. The application of product, sales, and brand marketing to the artists, stakeholders and products created in the for and non-profit music industry. Offered Every Other Winter.

**Prerequisite:** MUA 3500 with a minimum grade of C

**MUA 4010 Audio Electronics Cr. 3**

Examines practical electronics for music production and electronic music composition. Topics include basic electronics, building and repairing audio equipments, and building analog and digital signal processors and synthesizers. Offered Fall.

**Prerequisites:** (MAT 1070 with a minimum grade of C and MUA 3510 with a minimum grade of C) or MUA 3530 with a minimum grade of C

**MUA 4020 Theories of Electronic Music Cr. 3**

Covers advanced digital theories of electronic music synthesis and production. Topics include digital signal processing, advanced audio programming, interactive audio, and audio synthesis. Offered Fall.

**Prerequisite:** MUA 3510 with a minimum grade of C or MUA 3530 with a minimum grade of C

**MUA 4030 Sound Design for Visual Media Cr. 3**

Covers sound design and audio treatment for visual media. Topics include research and creation of sound for film, web, sound libraries, instructional technology, sound installations, and non-linear sound design (video games). Offered Winter.

**Prerequisite:** MUA 3510 with a minimum grade of C or MUA 3530 with a minimum grade of C

**MUA 4040 Electroacoustic Music Cr. 3**

Introduces techniques, aesthetics, and composition of electroacoustic music. Topics include analytical techniques for electronic music, creative usage of audio hardware and software, and advanced electroacoustic music performance. Offered Fall.

**Prerequisite:** MUA 3510 with a minimum grade of C or MUA 3530 with a minimum grade of C

**MUA 4500 Music Entrepreneurship and Leadership Cr. 3**

Exploration of entrepreneurship, the practice of entrepreneurial skills, arts leadership elements and skills, and basic organizational design in the context of the music industry. Offered Every Other Fall.

**Prerequisite:** MUA 3500 with a minimum grade of C

**MUA 4620 Music Business Internship Cr. 1-3**

Directly supervised professional experience in the music and creative arts industries and related fields (marketing, management, publicity, public relations, and live performance). Offered Every Term.

**Prerequisite:** MUA 2400 with a minimum grade of C

**Restriction(s):** Enrollment limited to students in the Bachelor of Music program.

**Repeatable for 6 Credits**

**MUA 4650 Directed Study: Internships Cr. 1-3**

Directly supervised professional experience in the music and creative arts industries and related fields (marketing, music technology, recording, publicity, public relations). Offered Every Term.

**Restriction(s):** Enrollment is limited to students with a major in Music; enrollment limited to students in the Bachelor of Music program.

**Repeatable for 6 Credits**

**MUA 4950 Music Technology Senior Project Cr. 1**

Students will create a large-scale, long-term project that demonstrates the skills learned in the music technology classes. Offered Winter.

**Prerequisite:** MUA 4650 (may be taken concurrently) with a minimum grade of C

**MUA 4990 BA Project Cr. 2**

Directed study leading to completion of the B.A. project in music. Offered Fall, Winter.

**Restriction(s):** Enrollment limited to students with a class of Senior; enrollment is limited to students with a major, minor, or concentration in Music or Music Honors; enrollment limited to students in a Bachelor of Arts degree.

**Equivalent:** MUH 4990, MUT 4990

**MUA 5690 Stage Band Direction Cr. 1**

Techniques of big-band direction in a jazz medium. Offered for undergraduate credit only. Offered Fall, Winter.

**Prerequisite:** MUA 3670 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Undergraduate level students.

**Repeatable for 3 Credits**

**MUA 5800 Strategy and Organization in Music Cr. 3**

Strategic management, organizational behavior, and organizational structures in the for and non-profit music industry with a term-long consulting project for an external client. Offered Every Other Fall.

**Prerequisite:** MUA 3500 with a minimum grade of C

**Fees:** \$50

**MUA 5900 Music Industry Seminar Cr. 1**

Real-world experience running and operating a record label by sourcing recorded music products to release. Practice in legal, business, and industry norms. Significant out-of-classroom work is expected. Offered Fall, Winter.

**Prerequisite:** MUA 3500 with a minimum grade of C and MUA 4000 with a minimum grade of C

**Repeatable for 4 Credits**

**MUA 6500 Music IP and Stakeholders Cr. 3**

Exploration of intellectual property and music law, including copyright, contracts, music licensing, and negotiation. In-depth examination of relationships between stakeholder entities. Offered Fall.

**MUA 6510 Mixing and Mastering Cr. 3**

Students will learn project management skills through proper session documentation and billing. Topics include surround sound mixing, live sound, and large ensemble production techniques. Offered Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**MUA 6530 Advanced Music Synthesis Cr. 3**

Covers the basics of audio programming using text-based audio applications. Students will learn to create their own plugins and software synthesizers. Offered Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**MUA 6540 Advanced Studio Techniques Cr. 2**

Examines project management skills through proper session documentation and billing. Topics include surround sound mixing, live sound, and large ensemble production techniques. Offered Fall.

**Prerequisite:** MUA 6510 with a minimum grade of B

**Restriction(s):** Enrollment is limited to students with a major in Music; enrollment is limited to Graduate level students.

**MUA 6550 Marketing and Artist Management in Music Cr. 3**

Artist management theory and practice. The application of product, sales, and brand marketing to the artists, stakeholders and products created in the for and non-profit music industry. Offered Winter.

**Prerequisite:** MUA 6500 with a minimum grade of C

**MUA 6570 Music Entrepreneurship and Leadership Cr. 3**

Exploration of entrepreneurship, the practice of entrepreneurial skills, arts leadership elements and skills, and basic organizational design in the context of the music industry. Offered Winter.

**Prerequisite:** MUA 6500 with a minimum grade of C

**MUA 6800 Music Internship Cr. 1-3**

The music internship is designed to provide educational experiences to music students beyond those offered in the classroom. During the internship, students develop professional skills and knowledge in music business, technology, or other areas of musical practice. Students are placed in a studio, business, or other institution in the metro-Detroit area and supervised by local personnel, who provide regular reports on the student's performance to the faculty of record. Offered Yearly.

**Restriction(s):** Enrollment is limited to students with a major in Music; enrollment is limited to Graduate level students.

**Repeatable for 3 Credits**

**MUA 7010 Audio Electronics Cr. 3**

Examines practical electronics for music production and electronic music composition. Topics include basic electronics, building and repairing audio equipment, and building analog and digital signal processors and synthesizers. Offered Fall.

**Prerequisite:** MUA 6510 with a minimum grade of B or MUA 6530 with a minimum grade of B

**Restriction(s):** Enrollment is limited to students with a major in Music; enrollment is limited to Graduate level students.

**MUA 7020 Theories of Electronic Music Cr. 3**

Covers advanced digital theories of electronic music synthesis and production. Topics include digital signal processing, advanced audio programming, interactive audio, and audio synthesis. Offered Fall.

**Prerequisite:** MUA 6510 with a minimum grade of B or MUA 6530 with a minimum grade of B

**Restriction(s):** Enrollment is limited to students with a major in Music; enrollment is limited to Graduate level students.

**MUA 7030 Sound Design for Visual Media Cr. 3**

Covers sound design and audio treatment for visual media. Topics include research and creation of sound for film, web, sound libraries, instructional technology, sound installations, and non-linear sound design (video games). Offered Winter.

**Prerequisite:** MUA 6510 with a minimum grade of B or MUA 6530 with a minimum grade of B

**Restriction(s):** Enrollment is limited to students with a major in Music; enrollment is limited to Graduate level students.

**MUA 7040 Electroacoustic Music Cr. 3**

Introduces techniques, aesthetics, and composition of electroacoustic music. Topics include analytical techniques for electronic music, creative usage of audio hardware and software, and advanced electroacoustic music performance. Offered Fall.

**Prerequisite:** MUA 6510 with a minimum grade of B or MUA 6530 with a minimum grade of B

**Restriction(s):** Enrollment is limited to students with a major in Music; enrollment is limited to Graduate level students.

**MUA 7080 Strategy and Organization in Music Cr. 3**

Strategic management, organizational behavior, and organizational structures in the for and non-profit music industry with a term-long consulting project for an external client. Offered Fall.

**Prerequisite:** MUA 6500 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**MUA 7730 Advanced Diction Cr. 3**

In-depth study of diction for singers. Offered Intermittently.

**Prerequisite:** MUH 5370 with a minimum grade of C and MUH 5380 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 6 Credits**

**MUA 7800 University Bands Cr. 1**

Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$30

**Repeatable for 3 Credits**

**MUA 7802 Chamber Winds Cr. 1**

Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$25

**MUA 7810 University Symphony Orchestra Cr. 1**

Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$30

**Repeatable for 3 Credits**

**MUA 7820 Jazz Big Band Cr. 1**

Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$30

**Repeatable for 3 Credits**

**MUA 7822 Jazz Guitar Ensemble Cr. 1**

Large ensemble for jazz guitar majors/principals. Offered Every Term.

**Restriction(s):** Enrollment is limited to students with a major in Music; enrollment is limited to Graduate level students.

**Fees:** \$30

**Repeatable for 2 Credits**

**MUA 7824 Jazztet Cr. 1**

Select ensemble for jazz majors. Offered Every Term.

**Restriction(s):** Enrollment is limited to students with a major in Music; enrollment is limited to Graduate level students.

**Fees:** \$25

**Repeatable for 2 Credits**

**MUA 7826 Jazz Combos Cr. 1**

Small ensemble for jazz majors. Offered Every Term.

**Restriction(s):** Enrollment is limited to students with a major in Music; enrollment is limited to Graduate level students.

**Fees:** \$25

**Repeatable for 2 Credits**

**MUA 7830 Men's Glee Club Cr. 1**

. Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$20

**Repeatable for 4 Credits**

**MUA 7840 Choral Union Cr. 1**

Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$30

**Repeatable for 3 Credits**

**MUA 7850 Concert Chorale Cr. 1**

Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$30

**Repeatable for 3 Credits**

**MUA 7860 Opera Workshop Cr. 1**

Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$30

**Repeatable for 4 Credits**

**MUA 7870 Women's Chorale Cr. 1**

Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$25

**Repeatable for 4 Credits**

**MUA 7880 Chamber Music and Special Ensembles Cr. 1**

All forms including piano and string trios and quartets, and small wind groups. Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$25

**Repeatable for 3 Credits**

**MUA 7891 Electronic Music Ensemble Cr. 1**

Learn to play electronic instruments in an ensemble. Current and vintage electronic instruments as well as approved traditional instruments are being used to perform contemporary electronic music repertoire. Offered Fall, Winter.

**Prerequisite:** MUA 6510 with a minimum grade of B or MUA 6530 with a minimum grade of B

**Restriction(s):** Enrollment is limited to Graduate level students.

**MUA 7999 Master's Essay Direction Cr. 2**

The master's essay is an individualized course through which graduate students explore a topic in music business or music technology more deeply than through the regular curriculum and, through scholarly research and/or creative activity, produce an original essay that assesses or contributes to the field. Offered Yearly.

**Prerequisite:** MUH 5300 with a minimum grade of B-

**Restriction(s):** Enrollment limited to students with a class of Candidate Masters; enrollment is limited to Graduate level students.

**MUA 8999 Master's Thesis Direction Cr. 1-8**

The master's thesis is an individualized course through which graduate students explore a topic in music business or music technology more deeply than through the regular curriculum and, through scholarly research and/or creative activity, produce an original work that contributes to the field. Offered Every Term.

**Prerequisite:** MUH 5300 with a minimum grade of B-

**Restriction(s):** Enrollment limited to students with a class of Candidate Masters; enrollment is limited to Graduate level students.

**Repeatable for 8 Credits**