

UNDERGRADUATE MAJOR CHANGE BULLETIN NO. 5

Spring 2024

---COURSES---

Course information under the heading titled *Current* will show strikethroughs for deletions, and text under *Proposed* will show underlines for additions. The column to the far right indicates the date each change becomes effective.

Subject	Course Number	New Revise	Current	Proposed	Effective Date
BIO ENG	440	Revise	Unified Systems Bioengineering II 4 (3-3) Course Prerequisite: BIO ENG 210 with a C or better; BIO ENG 340 with a C or better. Continuation of BIO ENG 340; emphasis on feedback control system analysis and design, with examples from physiological systems. Typically offered Fall.	<u>Biological Control Systems 3 (2-3) Course Prerequisite: BIO ENG 360 with a C or better. Feedback control system analysis and design, with applications to physiological and biomedical engineering systems. Typically offered Spring.</u>	1-25
MUS	257	Revise	Jazz Theory 2 Introduction to jazz theory; chord symbols, extended harmony, scales and modes, voicing, bass lines and substitutions. Typically offered Even Years – Fall.	<u>Applied Jazz Theory and Improvisation I 2 (0-6) Course Prerequisite: MUS 251 with a C or better; MUS 252 with a C or better. Applied study of fundamental jazz theory and improvisation concepts including rhythms, four-part chords, modes of the major scale, ii-V7-I progression, harmonic minor scale, guide tones, 12-bar blues form, and blues scales. Typically offered Spring.</u>	8-24
MUS	258	Revise	Introduction to Jazz Improvisation 2 May be repeated for credit; cumulative maximum 4 credits. Introduction to jazz improvisation. Typically offered Fall.	<u>Applied Jazz Theory and Improvisation II 2 (0-6) May be repeated for credit; cumulative maximum 4 credits. Course Prerequisite: MUS 257 with a C or better. Applied study of intermediate jazz theory and improvisation concepts including five-part chords, modes of melodic minor scale, chord-scale theory, idiomatic jazz progressions, voice-leading, rhythm changes, bebop blues, and bebop scales. Typically offered Fall.</u>	1-25
MUS	458	Revise	Advanced Jazz Improvisation 2 May be repeated for credit;	<u>Applied Jazz Theory and Improvisation III 2 (0-6) May be</u>	1-25

			<p>cumulative maximum 4 credits. Course Prerequisite: MUS 258. Advanced concepts in jazz improvisation. Typically offered Even Years - Spring.</p>	<p>repeated for credit; cumulative maximum 4 credits. <u>Course Prerequisite: MUS 258 with a C or better. Advanced concepts in jazz improvisation. Applied study of advanced jazz theory and improvisation concepts including pentatonic scales, Coltrane changes, whole-tone scales, octatonic scales, upper structure triads, triad pairs, intervallic improvisation, and reharmonization techniques.</u> Typically offered Spring.</p>	
SOE	471	Revise	<p>[CAPS] International Wildlife Conservation 3 Course Prerequisite: Junior standing. A broad survey of international wildlife conservation that touches on biological, social, and political aspects of wildlife management; focus on understanding the unique challenges that are encountered in the international arena. Typically offered Spring.</p>	<p>[CAPS] [M] International Wildlife Conservation 3 Course Prerequisite: Junior standing. A broad survey of international wildlife conservation that touches on biological, social, and political aspects of wildlife management; focus on understanding the unique challenges that are encountered in the international arena. Typically offered Spring.</p>	1-25