

138. Piano Skills for Teachers in Service (2) F and S
Maximum total credit 4 units. Open only to teachers in service. Basic keyboard skills needed by the elementary teacher.

139. Elementary Music Education (3) F and S (Former Mus. 189a) Lundkvist
Prerequisite: Mus. 129 (except for secondary credential candidates). Philosophy of elementary school music education; organization of music curriculum materials and activities into lesson plans and projects. Observation and practice of teaching methods.

***154a-b. Keyboard Harmony (2-2) F-S**
Recommended to students needing additional harmonic drill at the keyboard to increase sensitiveness to music and its structure. Application at the keyboard of all the harmonic materials studied in previous courses.

156. Appreciation of Opera (2) S Dempster
Primarily for the general college student. Selected master works in the standard operatic repertory; phonograph recordings; plot, characterization, period, style, and expressive methods of composers.

166. Appreciation of Symphonic Music (2) F Baddin
Primarily for the general college student. Selected master works from the standard orchestral repertory; phonograph recordings; periods, style, techniques and expressive methods of selected composers.

187. Teaching Vocal Music in Public Schools (3) S Delaney
Required of students taking the special secondary limited credential in voice. Methods and materials for teaching voice and for conducting glee clubs, choruses, voice classes, and choral groups in the public schools.

188. Teaching Piano in Public Schools (3) F Withrow
Required of students taking the special secondary limited credential in piano. Modern methods of piano teaching; classes in public schools; individual and class teaching; application of methods in Laboratory School.

189. Secondary Music Education (3) S Rea
Place and function of music in the high school curriculum; survey of teaching methods and materials; band, orchestra and choral problems.

190. Independent Study (1-3) F and S (See page 64) Staff

GRADUATE COURSES

(See page 85)

206. Advanced Instrumental Techniques (2) Summer only Howland-Winter
Maximum total credit 4 units. Prerequisites: Mus. 106 or equivalent; permission of instructor. Teaching and playing techniques for all the brass, woodwind, string, and percussion instruments; reed making; acoustical principles and application in teaching; materials and literature.

† 210. Studies in Performance (1-2) Staff
Maximum total credit 4 units. Prerequisite: permission of department chairman. Individual lessons on instrument or in voice; historical, analytical, and practical study of standard literature of all periods in major performance area; preparation for public recitals.

* Offered when demand warrants.

† Special fee.

214. Theory Seminar (2) Summer only Bryon
Maximum total credit 4 units. Prerequisite: permission of instructor. Each student elects a project of analysis, arranging, composing, or study according to his special capabilities and interests. Project to be approved by instructor.

220. Research Methods and Bibliography (2) Staff
Prerequisite: undergraduate history of music. Basic bibliography, literature, and research techniques necessary for graduate music study. Required of all graduate students working for the master's degree in music.

221. Seminar in Music History (2) Staff
Prerequisite: Mus. 220. Maximum total credit 6 units, provided eras are not repeated. Seminar in critical and analytical study of selected works by composers of an era: Renaissance and Baroque; Classic and Early Romantic; Romantic and Contemporary.

224. Studies in Musical Analysis (2) Staff
Maximum total credit 4 units. Analysis of selected works; form, thematic and motive development, harmonic structure, compositional devices and their significance.

234. Studies in Composition (2) Staff
Maximum total credit 6 units. Prerequisite: permission of instructor. Critical examination of student composition; reference to works of acknowledged composers. Development of contemporary technique in structural and harmonic methods. One work in a given classical form required with choice of harmonic and rhythmic style.

236. Studies in Orchestration (2) Staff
Prerequisite: permission of instructor. Studies in writing for the modern symphony orchestra; preparation of scores based on models from Ravel, Bartok, Rous-sel, and Stravinsky; development of the symphony orchestra and classical scores.

239. Seminar in Music Education (2) Staff
Maximum total credit 4 units. Advanced problems in music education according to needs of students enrolled; administration, supervision, vocal, and instrumental fields.

290. Independent Study (1-5) (See page 64) Staff

299. Thesis or Project (2-4) Staff
Maximum total credit 4 units. Prerequisites: see page 77. Preparation, completion, and submission of an acceptable thesis or project for the master's degree.

307. Musical Instrument Repair (1)
Maximum total credit 3 units, provided instrumental groupings are not repeated. Criteria for selection; techniques for care and repair of musical instruments. Instrumental groupings—brass and percussion; woodwind and strings; piano.