

**840. Pedagogy of Theory**

Fall, Summer. 3(3-0) Approval of department.

Music theory treatises and pedagogical practices of historical importance.

**841. Pedagogy of Theory**

Winter, Summer. 3(3-0) 840.

Current literature in the field of music theory and approaches to theory pedagogy.

**842. Pedagogy of Theory**

Spring, Summer. 3(3-0) 841.

Continuation of 841 with emphasis upon new instructional media.

**850. Applied Music**

Fall, Winter, Spring, Summer. 3 credits for Applied Music majors; 2 credits for others. May re-enroll for credit.

**852. Choral Technique and Materials**

Spring, Summer. 3(3-0) Completion of undergraduate program in music education. Advanced course for further development of choral proficiency. Demonstrations of choral techniques, conducting by students, examination and evaluation of new materials.

**860. Problems in Analysis**

Fall, Winter, Spring, Summer. 4(4-0) May re-enroll for a maximum of 8 credits. Approval of department.

An application of analytical procedures to school music repertoire.

**880. Materials of Music**

Fall, Winter, Spring, Summer. 1 to 4 credits. 282.

Correlation of the areas of music theory as a basis for the study of 19th and 20th century music.

**881. Materials of Music**

Fall, Winter, Spring, Summer. 1 to 4 credits. 880.

Continuation of 880.

**882. Materials of Music**

Fall, Winter, Spring, Summer. 1 to 4 credits. 881.

Continuation of 881.

**899. Research**

Fall, Winter, Spring, Summer. Variable credit. Approval of department.

**915. Medieval Music**

Fall. 3(3-0)

Investigation of various developments in European music to middle of fifteenth century. Some attention given to Gregorian Chant as well as to various types of secular Monody, but greater stress is laid on the forms and styles of Polyphonic music.

**916. Renaissance Music**

Winter. 3(3-0)

Investigation of developments in European music from 1450 to 1600, tracing developments in both sacred and secular music.

**917. Music of the Seventeenth Century**

Spring. 3(3-0)

Instrumental and vocal music of Early Baroque period.

**924. Seminar in Musicology**

Fall, Winter, Spring. 3 credits. May re-enroll for credit. 426 or approval of department.

**954. Music Supervision**

Summer of even-numbered years. 3(3-0) Completion of undergraduate program in Music Education.

**955. Current Tendencies in Music Education**

Summer of odd-numbered years. 3(3-0) Completion of undergraduate program in Music Education.

**960. Analytical Studies in Music Literature**

Fall, Summer. 3(3-0) 382 and two years of music literature or approval of department.

Melodic, formal, contrapuntal and harmonic analysis of music from plainsong to contemporary music.

**961. Analytical Studies in Music Literature**

Winter, Summer. 3(3-0) 960.

Continuation of 960.

**962. Analytical Studies in Music Literature**

Spring, Summer. 3(3-0) 961.

Continuation of 961.

**970. Contrapuntal Techniques**

Fall of odd-numbered years, Summer. 3(3-0) 482 or approval of department.

Advanced contrapuntal practice from the sixteenth century to the present.

**971. Contrapuntal Techniques**

Winter of even-numbered years, Summer. 3(3-0) 970.

Continuation of 970.

**972. Contrapuntal Techniques**

Spring of even-numbered years, Summer. 3(3-0) 971.

Continuation of 971.

**980. Seminar in Theory**

Fall, Winter, Spring, Summer. 3(3-0) May re-enroll for a maximum of 9 credits. 482 or approval of department.

**999. Research**

Fall, Winter, Spring, Summer. Variable credit. Approval of department.

**475. International Studies in Agriculture and Natural Resources**

Summer. 3 to 9 credits. Approval of the college. Interdepartmental with and administered by Agriculture.

Study-travel experience emphasizing contemporary problems affecting agriculture in the world, national, and local communities. Field trips, case studies, interviews with leading experts, government officials, community leaders. Supervised individual study.

**491. Natural Resources and Modern Society**

Spring, Summer. 3(3-0) Juniors. Interdepartmental with the Forestry and the Resource Development Departments and administered by Forestry Department.

A survey of the social and economic significance of natural resources in modern industrial and urban society. Current problems of natural resources management and use are examined in terms of the society in which they exist.

**NATURAL SCIENCE**

**N S**

**University College**

Alternative approaches or tracks are offered on an optional basis all of which meet the course objectives of 191, 192, 193. These are described briefly below and are designated by letters which are used as part of the course number for registration. No student may receive credit for more than one track within a course (191, 192, 193).

**181. Natural Science**

Fall. 4(2-3) Students may not receive credit in both 181 and 192. Approval of department.

The role of methods in science emphasizing the development and modification of systems of explanation. The nature of the cell and sexual reproduction as background for Mendelian gene theory and its modern modifications. Social implications are emphasized.

**182. Natural Science**

Winter. 4(2-3) Students may not receive credit in both 182 and 193. 181 or approval of department.

Methods in science continued with emphasis on evolutionary ideas regarding the origin of earth features and existing life forms. The origin and development of man is considered along with a number of modern problems.

**183. Natural Science**

Spring. 4(2-3) Students may not receive credit in both 183 and 191. 182 or approval of department.

Nature of science as exemplified by ideas from Physical Science. The Copernican Revolution is used as an example of the science-society interaction. Modern concepts of the nature of matter are also introduced.

**191. Natural Science**

(183.) Fall, Winter, Spring, Summer. 4(2-3)

A. The Copernican Revolution, Atomic Theory and Relativity related to man's attempt to find a unified view of nature. Emphasis on effects of science and society on one another.

B. Man's conception of nature and origin of the universe and social and philosophical implications of his changing views. Consideration of major controversies regarding man's place in the universe.

**NATURAL RESOURCES**

**N R**

**College of Agriculture and Natural Resources**

**202. Soils and Man's Environment**

Winter. 3(3-0) Interdepartmental with the Resource Development, and Fisheries and Wildlife Departments and Soil Science and administered by Soil Science.

Use of soil and water resources in a technological society as it relates to environmental quality. Nature of pollution problems and their possible solutions. Food production and world population.