407. Continuation of physical geology and introduction to historical geology, containing discussions of earth structures, mountain building, economic geology, geologic time, basic astronomy, theories of earth origin, the earliest geologic eras, first evidences of life.

408. Earth Science for Teachers
(PHS 408.) Winter. 3(3-0) or 4(3-3)

Continuation of physical geology and introduction to historical geology, containing discussions of earth structures, mountain building, economic geology, geologic time, basic astronomy, theories of earth origin, the earliest geologic eras, first evidences of life.

409. Earth Science for Teachers
(PHS 409.) Spring. 3(3-0) or 4(3-3)

Historical development of the various geologic periods through time with reference to the evolutionary development of the physical landscape, ancient geography, past climate, diastrophic events and marine and land animals and plants. Laboratory includes the identification of important animals and plant fossils, fossil environments, geologic maps; field trips to collecting localities.

410. Earth Science Seminar for Teachers
Fall, Winter, Spring. 1(2-0) May re-enroll for a maximum of 4 credits. May re-enroll for a maximum of 15 credits. Approval of department. Experience and techniques in field investigation of the near surface layers of the earth.

411. Field Studies
Fall, Winter, Spring, Summer. 1-9 credits. May re-enroll for a maximum of 15 credits. Approval of department. Independent laboratory investigation of materials and phenomena obtained from field study.

 GERMAN AND RUSSIAN

College of Arts and Letters

Students who have had high school work in the foreign language in which they wish to continue their study must take a placement examination in that language. Placement in the appropriate course is determined by the results of this examination. University credit is not given for courses waived by performance on the placement examination.

German and Russian Courses

299. Special Projects
Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 18 credits. Approval of department.

Work in areas outside regular course offerings.

303. Folklore
Spring. 3(3-0)

Folk heritage of peoples as revealed in their legends, epics, songs, ballads, folktales, sayings, customs, and beliefs. Historical development of traditional lore as a reflection of social attitudes and the source for national mythologies.

417. Scandinavian Contributions to Literary Tradition
(C L 418.) Fall. 3(3-0) Approval of department.

Development and influence of the ideas, forms and motifs of the Scandinavian literature in the literatures of the world.

418. Scandinavian Contributions to Literary Tradition
(C L 419.) Winter. 3(3-0) Approval of department.

Continuation of 417.

419. Scandinavian Contributions to Literary Tradition
(C L 418.) Spring. 3(3-0) Approval of department.

Continuation of 418.

499. Special Projects
Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 18 credits. Approval of department. Work in areas outside regular course offerings.

German

101. Elementary German
Fall, Winter, Spring, Summer. 4(4-1) Beginner's course. Drill in pronunciation, elementary principles of inflection and syntax; easy reading and conversation.

102. Elementary German
Fall, Winter, Spring, Summer. 4(4-1) Continuation of 101.

103. Elementary German
Fall, Winter, Spring, Summer. 4(4-1) Continuation of 102.

201. Intermediate German—Regular
Fall, Winter, Spring, Summer. 4(3-1) Students may not receive credit for both 201 and 211. Systematic review of grammar, oral practice, intensive and extensive reading of modern texts. This course or equivalent is required of majors and those planning to take advanced work in German.

202. Intermediate German—Regular
Fall, Winter, Spring, Summer. 4(3-1) Students may not receive credit for both 202 and 212. Continuation of 201.

203. Intermediate German—Regular
Fall, Winter, Spring, Summer. 4(3-1) Students may not receive credit for both 203 and 213. Continuation of 202.

211. Intermediate German—Reading
Fall, Winter, Spring, Summer. 4(4-0) Students may not receive credit for both 201 and 211. For students primarily interested in learning to read German. Review of grammar, reading in a variety of materials. Not open to those planning to take advanced work in German.

212. Intermediate German—Reading
Fall, Winter, Spring, Summer. 4(4-0) Students may not receive credit in both 202 and 212. Continuation of 211.

213. Intermediate German—Reading
Fall, Winter, Spring, Summer. 4(4-0) Students may not receive credit in both 203 and 213. Continuation of 212.

241. Masterpieces in German in Translation
(PH 444.) Fall. 3(3-0) Knowledge of German not required. Not applicable to major requirements. Selections from narrative prose, drama, and lyric poetry chosen to encourage and develop an appreciation of German literature.

242. Masterpieces in German in Translation
(PH 445.) Spring. 3(3-0) Knowledge of German not required. Not applicable to major requirements.

301. Introduction to German Literature
Fall. 3(3-0) 203. Required of majors. Representative works of eighteenth and early nineteenth century authors.

302. Introduction to German Literature
Winter. 3(3-0) 301. Representative works of nineteenth century authors.

303. Introduction to German Literature
Spring. 3(3-0) 302. Representative works of twentieth century authors.

321. German Composition and Conversation
Fall. 3(3-0) 203. Essential and difficult points of grammar reviewed. Written and oral reports; active participation in class discussion. Designated especially for students who plan to teach German.

322. German Composition and Conversation
Winter. 3(3-0) 321. Continuation of 321.

323. German Composition and Conversation
Spring. 3(3-0) 322. Continuation of 322.

400H. Honors Work
Fall, Winter, Spring. Variable credit. Approval of department.

405. Schiller
Fall. 3(3-0) 303 or approval of department. Principal works of Schiller.

406. Goethe
Winter. 3(3-0) 303 or approval of department. Principal works of Goethe.

407. Goethe: Faust
Spring. 3(3-0) 303 or approval of department. Goethe: Faust I and II.
410. German for Graduate Students
Fall, Winter, Summer. 0(5-0) [5(5-0)]
Reading skills for graduate students of other departments.

411. German for Graduate Students
Winter, Spring, Summer. 0(5-0)
[5(5-0)] 410 with a grade of B or better.
Reading skills for graduate students of other departments.

421. Advanced German Composition and Conversation
Fall. 3(3-0) 353.
Continuation of 422.

422. Advanced German Composition and Conversation
Winter. 3(3-0) 421 or approval of department.
Continuation of 421.

423. Advanced German Composition and Conversation
Spring. 3(3-0) 422 or approval of department.
Continuation of 422.

427. The Contemporary German Scene
Spring. 3(3-0) 393 or approval of department.
The literary, artistic, intellectual, social, religious, economic, and political scene in present-day Germany with a study of its development from the recent past.

434. Contrastive Structure of English and German
Fall. 3(3-0)
Linguistic analysis of the structures of English and German. Recommended for those intending to teach German.

435. History of the German Language
Winter. 3(3-0) 434 or LIN 401.
Survey of the development of Modern Standard German and its relationship to other Indo-European and Germanic languages.

441. Studies in German Literature Before 1700
Fall. 3(3-0) 303 or approval of department.

442. Eighteenth Century Literature
Winter of even-numbered years. 3(3-0)
303 or approval of department.
Continuation of 441.

444. Nineteenth Century Prose
Fall of even-numbered years. 3(3-0)
303 or approval of department.

445. Nineteenth Century Drama
Winter of odd-numbered years. 3(3-0)
303 or approval of department.
Continuation of 444.

446. Twentieth Century Literature
Spring of odd-numbered years. 3(3-0)
303 or approval of department.
Continuation of 445.

446. Twentieth Century Literature
Spring of odd-numbered years. 3(3-0)
303 or approval of department.
Continuation of 445.

801. Research Methods and Bibliography
Fall. 3(2-1)
Technique of research in scholarly writing, bibliographical work in German.

803. History of Literary Criticism
Winter of even-numbered years. 3(3-0)
Important critical theorists from Aristotle to the present and their impact on German literature.

806. Teaching of the German Language
(F00.) Fall, Winter, Spring 1(1-0)
May re-enroll for a maximum of 3 credits. Graduate teaching assistants.
Problems of teaching German languages at the elementary and intermediate levels including such matters as textbook selection, teaching techniques and the preparation of examinations.

814. History of the German Language
(803.) Spring of odd-numbered years. 3(3-0)
435 or 815 or approval of department.
Development of the German language from Indo-European with emphasis upon the development of the modern literary language.

815. Middle High German Language
(802.) Spring. 3(3-0)
Readings from the German language between 1000 and 1350, with emphasis upon the epic and lyric of the classical period.

816. Old High German Language and Literature
(802.) Fall of odd-numbered years. 3(3-0)
815 or approval of department.
German literature from the beginning to about 1000; reading and analysis of sections from Tacitus, Isidore, Ofen, Hildebrand, and other documents.

817. Early New High German
(802.) Winter of even-numbered years. 3(3-0)
Readings from the 15th and 16th centuries.

818. Middle High German Literature
(811.) Fall of odd-numbered years. 3(3-0)
Readings in Middle High German from the Court poets to Wenzel der Gartner.

819. Renaissance and Reformation
(812.) Spring of even-numbered years. 3(3-0)
Rise of the Humanists: Ackermann and Bomhold through Hotten, Luther, Sachs, etc.

820. Baroque Literature
(811.) Spring of odd-numbered years. 3(3-0)
Authors and masterpieces of seventeenth century German literature.

824. Age of Enlightenment
(821.) Fall of even-numbered years. 3(3-0)
Development of German literature from 1700 to 1770 with special emphasis on Lessing and Wieland.

825. Storm and Stress
(821.) Winter of odd-numbered years. 3(3-0)
Works of Kleist and Herder; critical theories, Sturm and Drang dramatists.

828. Schiller
Winter of even-numbered years. 3(3-0)
Major works, philosophical and aesthetic writings.

827. Goethe I
(822.) Fall. 3(3-0)
Goethe's development as a writer up to 1786.

828. Goethe II
(822.) Winter. 3(3-0)
The Classical period.

829. Goethe III
(822.) Spring of even-numbered years. 3(3-0)
Faust I and II.

830. Romanticism
(821.) Spring of even-numbered years. 3(3-0)
Representative works and writers of the period.

832. Mythology and Folklore I
Winter of odd-numbered years. 3(3-0)
Mythology and folkloristic elements in German epic and sagas.

833. Mythology and Folklore II
(832.) Spring of odd-numbered years. 3(3-0)
Continuation of 832.

834. Nineteenth Century Drama
(831.) Winter. 3(3-0)
Representative dramatic works from Romanticism to Naturalism.

835. Nineteenth Century Prose
(831.) Spring. 3(3-0)
Prose fiction from the period from the end of Romanticism to the beginnings of Naturalism.

836. Twentieth Century Literature
(831.) Spring. 3(3-0)
Representative works of drama, prose and lyric poetry from Naturalism to World War II.

837. Contemporary Literature
Fall of even-numbered years. 3(3-0)
Selections from German literature since 1945.

838. German Poetry
Fall of odd-numbered years. 3(3-0)
Development of representative German lyric poetry based upon its intrinsic characteristics.

841. Old Norse
(867.) Fall of even-numbered years. Summer. 3(3-0) Approval of department.
Readings from Old Norse poetry and prose.

842. Gothic
(867.) Winter of odd-numbered years. Summer. 3(3-0) Approval of department.
Gothic in relation to other Indo-European and Germanic languages, reading and analysis of the fourth century Gothic Bible.

843. Old Saxon
(867.) Winter of even-numbered years. Summer. 3(3-0) 815.
Reading and analysis of the ninth century Low German Heland and Genesis.

860. Graduate Reading Course
Fall, Winter, Spring, Summer. 1 to 5 credits. May re-enroll for a maximum of 15 credits. Approval of department.
Supervised reading course for investigation of special fields.

899. Research
Fall. Winter, Spring. Variable credit. Approval of department.
981. Seminar in German Literature Fall, Winter, Spring. 3(3-0) May re-enroll for a maximum of 18 credits. A particular writer, a major work, or a limited theme is chosen for intensive analysis.

982. Seminar in Germanic Philology Spring. 3(3-0) Intensive study of a specific philological problem.

999. Research Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 36 credits.

Russian

101. Elementary Russian Fall, Winter, Spring, Summer. 4(4-1) Fundamentals of grammar, syntax, and pronunciation with graded readings.


103. Elementary Russian Fall, Winter, Spring, Summer. 4(4-1) Continuation of 102.

201. Intermediate Russian—Regular Fall, Winter, Spring. 4(3-1) 103. Students may not receive credit in both 201 and 211. Systematic review of grammar, oral practice, intensive and extensive reading of modern texts. This course or equivalent is required of majors and those planning to take advanced work in Russian.

202. Intermediate Russian—Regular Fall, Winter, Spring. 4(3-1) 201. Students may not receive credit in both 203 and 212. Continuation of 201.


211. Intermediate Russian—Reading Fall, Winter, Spring. 4(4-0) 103. Students may not receive credit in both 201 and 211. For students primarily interested in learning to read Russian. Review of grammar, reading in a variety of materials. Not open to those planning to take advanced work in Russian.

212. Intermediate Russian—Reading Fall, Winter, Spring. 4(4-0) 211. Students may not receive credit in both 202 and 212. Continuation of 211.

213. Intermediate Russian—Reading Fall, Winter, Spring. 4(4-0) 212. Students may not receive credit in both 203 and 213. Continuation of 212.

241. Russian Literature in Translation, 1800-1865 Fall. 3(3-0) Knowledge of Russian not required. Pushkin, Lermontov, Gogol', Goncharov, Turgenev, the early Dostoevsky and other representative writers of the period.

242. Russian Literature in Translation, 1865-1917 Winter. 3(3-0) Knowledge of Russian not required. Dostoevsky, Tolstoy, Leskov, Chekhov, Gor'ky, Sologub, and other representative writers of the period.

243. Russian Literature in Translation since 1917 Spring. 3(3-0) Knowledge of Russian not required. Zamyatin, Olcha, Zoshchenko, ILI' and Petrov, Mayakovsky Sholokhov, Pasternak, Solzhenitsyn and other representative writers of the period.

301. Introduction to Russian Literature Fall, Winter, Spring. 3(3-0) 203. Selections from representative works of major Russian authors, with concentration on the nineteenth century.

302. Introduction to Russian Literature Fall, Winter, Spring. 3(3-0) 301. Continuation of 301.

303. Introduction to Russian Literature Fall, Winter, Spring. 3(3-0) 302. Continuation of 302.

321. Advanced Composition and Conversation Winter. 3(3-0) 303. Advanced training in written and oral self-expression. Practice in use of idiomatic expressions; original compositions and class discussions.

322. Advanced Composition and Conversation Winter. 3(3-0) 321. Continuation of 321.

323. Advanced Composition and Conversation Spring. 3(3-0) 322. Continuation of 322.

325. Russian Civilization and Culture Fall. 3(3-0) 203. Survey of cultural heritage of Russian people. Readings in Russian on development of language, literature, painting, theater, music, religion, ideologies.

326. Russian Civilization and Culture Winter. 3(2-0) 303. Continuation of 325.

327. Russian Civilization and Culture Spring. 3(3-0) 303. Continuation of 326.

400H. Honors Work Fall, Winter, Spring. Variable credit. Approval of department.

401. Russian Literature Fall of odd-numbered years. 3(3-0) 303 or 326. Historical survey of major literary movements, authors, and works in Russian from days of Kiev to revolution of 1917. Outside reading of major literary works and class discussion in Russian.
433. Soviet Literature Since 1917
Spring of odd-numbered years. 3(3-0)
Continuation of 432.

451. Introduction to Non-Russian Slavic Languages
Fall of even-numbered years. 3(3-0)
Knowledge of Russian, Serbo-Croatian, Polish or Czech will be offered as needed by graduate students.

452. Introduction to Non-Russian Slavic Languages
Winter of odd-numbered years. 3(3-0)
Continuation of 451.

453. Introduction to Non-Russian Slavic Languages
Spring of odd-numbered years. 3(3-0)
Continuation of 452.

461. Readings in Non-Russian Slavic Languages
Fall of odd-numbered years. 3(3-0)
Continuation of 462.

453. Slavic Bibliography and Research Methods
Fall. 3(3-0)
Continuation of 462.

800. Teaching Methods of Russian in College
Fall, Winter, Spring. 0 to 3 credits.
Graduate teaching assistant.
Supervised teaching of college classes in Russian.

801. Twentieth Century Russian Literature
Fall. 3(3-0)
The stories and novels of Solzhenitsyn.

805. Twentieth Century Russian Literature
Winter. 3(3-0) Approval of department.
Pasternak's poetry and prose.

806. Twentieth Century Russian Literature
Spring. 3(3-0) Approval of department.
Sholokhov's tales and novels.

807. Russian Modernism
Fall of even-numbered years. 3(3-0)

808. Early Soviet Writers
Winter of odd-numbered years. 3(3-0)
Soviet literature in the making. Study of new trends and achievements in the works of early Soviet literary masters.

809. Contemporary Russian Writers
Spring of odd-numbered years. 3(3-0)
Study and research of new developments in the new generation of Russian writers.

815. Eleventh to Sixteenth Century Russian Literature
Winter of odd-numbered years. 3(3-0)
Ecclesiastical Slavonic sources and Old Russian traditions in the early writings. Old Russian Chronicles and Historical Tales. The "Slono o polud' egoveno" as original Old Russian Epos.

816. Seventeenth and Eighteenth Century Russian Literature
Spring of odd-numbered years. 3(3-0)
End of medieval literary traditions; changes in psychology, subject matter, language and style of the period. Studies of the Baroque, French and Russian Classicism. The beginnings of Romanticism and Realism.

825. History of the Russian Language
Winter of even-numbered years. 3(3-0) Approval of department.
Russian and its place among Indo-European languages. Grammatical, lexical and stylistic contributions of colloquial Old Russian and Old Slavonic. Linguistic characteristics of various periods up to present.

826. History of the Russian Language
Spring of even-numbered years. 3(3-0)
Continuation of 825.

828. Introduction to Old Church Slavonic
Fall of even-numbered years. 3(3-0)
Basic knowledge of Russian or another Slavic language.
Grammatical structure of the first written Slavic language accompanied by readings from the canonical Old Church Slavic texts.

829. Development of Old Church Slavonic
Winter of odd-numbered years. 3(3-0)
Historical phonology and morphology of Old Church Slavic, including its relation to Proto-Slavic and Proto-Indo-European. Continued readings of Old Church Slavic text.

830. Development of Modern Slavic Languages
Spring of odd-numbered years. 3(3-0)
A survey of the principal modern Slavic languages in historical perspective. The development of their phonological and grammatical features from Proto-Slavic and in relation to Old Church Slavic.

832. Russian Drama
Spring of odd-numbered years. 3(3-0)
Historical development of Russian drama; reading and critical analysis of major works of Russian playwrights with emphasis on authors of the nineteenth and twentieth centuries such as Gribusov, Pushkin, Lermontov, Gogol, Ostrovsky, Tolstoy, Chekhov and Gorki.

835. Russian Poetry
Spring of odd-numbered years. 3(3-0)
Methods and materials. Analysis of selected examples.

836. Russian Poetry
Winter of even-numbered years. 3(3-0) or approval of department.
Trends and styles. Changes in sensibility and verification throughout Russian poetry.

837. Russian Poetry
Spring of even-numbered years. 3(3-0) or approval of department.
Critique and appreciation. Study of selected masterworks.

840. Pushkin
Fall of odd-numbered years. 3(3-0)
Study of Pushkin's work with emphasis on his prose, long poems ("poetry") and plays.

841. Gogol
Winter of even-numbered years. 3(3-0)
Survey of the grotesque, the natural and the fantastic in Gogol's fiction.

842. Turgeniev
Spring of even-numbered years. 3(3-0)
Turgeniev's art and position in the Russian setting.

843. Dostoevsky
Fall of odd-numbered years. 3(3-0)
Dostoevsky's craft as a novelist and publicist; an analysis of the works with the emphasis on the novels.

844. Tolstoy
Winter of odd-numbered years. 3(3-0)
Study of Tolstoy's fiction with some attention to his ethics.

845. Chekhov
Spring of odd-numbered years. 3(3-0)
The art of representationalistic fiction, an analysis of selected short stories and plays.

850. Russian Literary Criticism, 19th Century
Fall of even-numbered years. 3(3-0)
The beginnings, the "Golden Age", and the radical critique.

851. Russian Literary Criticism, 20th Century
Spring of odd-numbered years. 3(3-0)
Aestheticism, Transcendentalism and Socialist Realism.

853. Russian Phonetics and Phonology
Fall of odd-numbered years. 3(3-0)
Knowledge of Russian. LIN 401 recommended.
Linguistic description of the phonological structure of Modern Russian, and its relation to the phonetic structure. Distributional patterns of phonemes and allophones.

854. Russian Morphology and Morphophonemics
Winter of even-numbered years. 3(3-0)
Linguistic description of Modern Russian morphology, with emphasis on the verb and noun. Morphological classes and their membership, Russian morphophonemics and its relation to the morphology.

855. Russian Syntax
Spring of even-numbered years. 3(3-0)
Survey of syntactic phenomena in modern Russian. Basic clauses, phrases, and sentence structures and their interrelations. Syntactic classes and their membership. The functions of Russian cases.

860. Graduate Reading Course
Fall, Winter, Spring. 1 to 5 credits.
May re-enroll for a maximum of 15 credits. Approval of department.
Supervised reading course for investigation of special fields in Russian literature.
870. Readings in Church Slavic
Fall of odd-numbered years. 3(3-0)
Reading and analysis of Church Slavic texts with stylistic comparisons with modern Russian. The course is intended to provide a basis for studies and research in Old Russian literature and in the styles of the modern literature.

871. Readings in Church Slavic
Winter of even-numbered years. 3(3-0)
Continuation of 870.

870. Readings in Church Slavic
Spring of even-numbered years. 3(3-0)
Continuation of 870.

899. Research
Fall, Winter, Spring. Variable credit.
Appraisal of department.

981. Seminar in Slavic Studies
Fall, Winter, Spring. 2(0-0) May re-enroll for a maximum of 18 credits.
A particular writer, a major work, or a limited theme is chosen for intensive analysis.

999. Research
Fall, Winter, Spring, Summer. Variable credits. May re-enroll for a maximum of 36 credits.

GREEK
See Romance Languages

HEALTH, PHYSICAL EDUCATION AND RECREATION

HPR

College of Education

Instructional Courses

The program in physical education is designed to offer the student an opportunity to test and evaluate himself physically and, during his first term at the University, be guided in his choice toward activities in which he may achieve some measure of success, add to his physical well-being and develop a reasonable amount of skill which may promote participation in healthful activities throughout his entire life. Classes are offered in the areas of body dynamics; gymnastics; individual, dual, and team sports; dance, and gymnastics.

105. Foundations of Physical Education
Fall, Winter, Spring. 1(0-3)
Fundamentals of movement and basic concepts of physical education. Required of all freshmen. Designed for the exploration of the student's own physical potential, this course deals with physical performance and ability, exercise and posture, good form of the student's own physical potential, this course deals with physical performance and ability, exercise and posture, good form, and the analysis of human movement.

106. Individual Sports
Fall, Winter, Spring, Summer. 1(0-3)
Provides opportunities for the student to be

come adept in one or more activities with high carry-over value, and acquire skills which will be a source of healthful and recreational exercise.

107. Dual Sports
Fall, Winter, Spring. 1(0-3)
In addition to such activities as tennis, badminton and handball, these activities teach balance, poise, agility, and develop and maintain endurance. Usually more vigorous than individual sports, these activities are of special value to those whose present and future work is sedentary.

108. Team Sports
Fall, Winter, Spring. 1(0-3)
This area emphasizes the continued development and improvement in self discipline and cooperation.

109. Aquatics
Fall, Winter, Spring, Summer. 1(0-3)
Instruction in aquatics provides for survival, personal safety, and a better understanding of the healthful benefits of regular exercise are emphasized. The many specific in this area include tumbling, apparatus, and Swedish gymnastics.

111. Dance
Fall, Winter, Spring. 1(0-3)
The oldest of all forms in art and physical activity, presents the use of creative rhythmic movement as a means of expression and communication. The varied program in dance will provide a source of appreciation and pleasure after graduation.

Professional Courses

Health Education—105, 316, 328, 331, 405, 467, 802, 810, 850, 889, 890, 895


Recreation Education—201, 300, 303, 320, 370, 400, 401, 402, 403, 404, 422, 445, 471, 865, 850, 855, 890.

103. Personal Health
Fall, Winter, Spring. 3(3-0)
Development of understandings, attitudes and practices that are necessary for more healthful living. Provides background for teaching health to children.

121. Professional Perspectives
Fall, Winter. 1(0-3)
Introduction to the profession of physical education.

122. Movement Perspectives
Winter, Spring. 1(3-0) 131 or concurrently.
Descriptive analysis of activities in daily living, sports, and dance.

123. Teaching Perspectives
Spring. 1(0-3) 132.
Introduction to teaching in physical education.

201. Social Recreation and Game Leadership
Spring. 3(2-3) Sophomores.
Methods, materials, and practice in conducting party programs, indoor games, and celebrations for large and small groups. Games using special equipment commonly employed in resorts and community centers.

224. Swimming
Fall, Winter. 1(1-3) 109; approval of department.
Advanced techniques, planning competitive events, conditioning, training, and coaching. The care and maintenance of swimming pool equipment.

226A. Physical Education in the Elementary School
Fall, Winter. 2(2-3) Sophomores.
Curricula, skills, games, and rhythmic techniques.

232. Rhythmic Form and Analysis
Spring. 1(1-3)
Fundamental rhythms and applications to movement and accompaniment. Rhythmic studies and rhythmic approach to composition.

240. Measurement in Physical Education
Fall, Winter. 3(2-3) PSL 240.
The basis of measurement techniques for use in school physical education programs.

250. Mechatronical Analysis of Physical Activity
Winter, Spring. 3(2-3) Concurrently with 251; ANT 316.
Techniques of analysis of human movement based upon mechanical principles.

251. Structural Analysis of Physical Activity
Winter, Spring. 2(1-3) Concurrently with 250; ANT 316.
Techniques of the analysis of human movement based on body structure and muscular action.

260. Developmental Basis of Physical Activity
Fall, Winter, Spring, Summer. 3(2-3)
Physical growth and motor development related to movement patterns in childhood and youth.

261. Psychomotor Basis of Physical Activities
Fall, Winter, Spring, Summer. 3(3-0)
251, 260 concurrently.
The application of psychomotor principles to human movement.

300. Camp Counseling
Spring. 3(2-3)

303. Recreation and Youth Organization Programs
Winter. 3(3-0) Sophomores.
Development and conduct of special recreation events in community and youth organization programs including civic and youth centers, agency operation, adult and senior citizen activities.

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