Courses

Earth Science

445. Field Studies
Fall, Winter, Spring, Summer. 1 to 9 credits. May reenroll for a maximum of 15 credits. Approval of department.
Experience and techniques in field investigation of the near surface layers of the earth.

446. Laboratory Investigations
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 15 credits. E S 445 or concurrently.
Independent laboratory investigation of materials and phenomena obtained from field studies.

800. Problems in Earth Science
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 12 credits. Approval of department.
Independent study in topics related to earth science education.

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 studies must take a placement examination in that language. 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

303. Folklore
Spring. 3(3-0)
Folk heritage of peoples as revealed in their legends, superstitions, ballads, folk songs, heroic tales, sayings, customs, and beliefs. Historical development of traditional lore as a reflection of social attitudes and the source for national mythologies.

418. Scandinavian Contributions to Literary Tradition
Winter. 3(3-0) Approval of department. Interdepartmental with the departments of English, and Romance and Classical Languages. administered by the Department of English.
Development and interrelationships of individual and collective forms and genres of literatures of the Western world, including the drama, tragedy, the novel, the short story, the theory and forms of poetry, popular literature, and the tale.

902. Comparative Literature: Studies in Form and Genre
Winter, Spring. 3(3-0) Interdepartmental with the departments of English, Romance and Classical Languages. administered by the Department of English.
Analysis of the manner in which various genres, conventions and continuing traditions of literature interact with the creative and critical climates of particular periods and movements, such as classicism, the Middle Ages, the baroque, or romanticism, in qualifying or modifying characteristic literary works.

987. Seminar: Special Topics in Comparative Literature
Spring. 3(3-0) Advanced graduate. Interdepartmental with the departments of Romance and Classical Languages. administered by the Department of Romance and Classical Languages.

German

GRM

101. Elementary German
Fall, Winter, Spring. 4(4-1) German language, civilization, and culture. Development of language skills in contemporary German. Independent practice in the language laboratory.

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

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

105. Intensive Elementary German
Winter, Spring. 3(3-0) GRM 101 with 3.0 or better approval of department. May not receive credit for both GRM 105 and GRM 102, GRM 103. Combination of GRM 102, GRM 103 in one term.

111. German for Travelers
Spring. 2(3-0) Not applicable to major or minor requirements.
Essential German for travelers: basic grammar, vocabulary and useful phrases. Introduction to German culture and life through lectures, audio-visual aids and reading.

201. Intermediate German
Fall, Winter, Spring, Summer. 4(3-1) GRM 101. 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
Fall, Winter, Spring, Summer. 4(3-1) GRM 201. Continuation of GRM 201.

203. Intermediate German
Fall, Winter, Spring, Summer. 4(3-1) GRM 202. Continuation of GRM 202.

204. Intensive Second Year German
Spring. 10(6-0) GRM 103. Intensive second year, combining in one term the work of GRM 201, GRM 202, GRM 203.

241. German Literature in English Translation
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. German Literature in English Translation
Winter. 3(3-0) Knowledge of German not required. Not applicable to major requirements. Continuation of GRM 241.
302. **Introduction to German Literature**  
Winter. 3(3-0) GRM 301.  
Representative works of nineteenth century authors.

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

321. **German Composition and Conversation**  
Fall. 3(3-0) GRM 203.  
Thorough grammar review based upon business terminology and application.  
Continuation of German 332 - the world of German economics and business. Lecture and discussion in German covering business types, unions, import-export, banking system, foreign workers, multinational organizations, etc.

332. **German in International Business Communication I**  
Winter. 3(3-0) GRM 331 or approval of department.  
Linguistic analysis of the structures of English and German. Recommended for those intending to teach German.

333. **German in International Business Communication III**  
Spring. 3(3-0) GRM 332 or approval of department.  
Continuation of German 332 - the world of German economics and business. Lecture and discussion in German covering business types, unions, import-export, banking system, foreign workers, multinational organizations, etc.

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

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

407. **Goethe: Faust**  
Spring. 3(3-0) GRM 303 or approval of department.  
Goethe: Faust I and II.

410. **German Reading Skills**  
Fall, Winter, Spring, Summer. 3(5-0)  
GRM 101 or graduate students or approval of department.  
Designed for those in scientific or other fields who wish to read scholarly material. An intensive presentation of German grammar with emphasis on those features and techniques necessary for reading and translation.

411. **German Reading Skills**  
Fall, Winter, Spring, Summer. 3(5-0)  
GRM 103 or GRM 410 and approval of department.  
Reading and translation of works in the student's field of interest. Completion of GRM 410 and GRM 411 with 3.0 or better will satisfy the Ph.D. reading requirement in most departments.

421. **Advanced German Composition and Conversation**  
Fall. 3(3-0) GRM 323.  
Continuation of GRM 322.

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

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

427. **The Contemporary German Scene**  
Spring. 3(3-0) GRM 303 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 Structures 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) GRM 434 or LIN 401.  
Survey of the development of Modern Standard German and its relationship to other Indo-European and Germanic languages.

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

441. **Studies in German Literature Before 1700**  
Fall of odd-numbered years. 3(3-0)  
GRM 303 or approval of department.

443. **German Romanticism**  
Fall of odd-numbered years. 3(3-0)  
GRM 303 or approval of department.  
The structure of Romantic thought and fiction, their interaction with the structure of society, and their impact on our time. Representative writers and texts of the period, 1798-1830.

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

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

446. **Modern German Literature**  
Spring of odd-numbered years. 3(3-0)  
GRM 303 or approval of department.  
Representative works by major German authors from 1890 to the present.

499. **Special Projects**  
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 18 credits. Approval of department.

501. **Introduction to Graduate Study**  
Fall of odd-numbered years. 3(3-0)  
A seminar on the terminology and methods of literary criticism, and the bibliographical aids for literary and pedagogical research.

506. **Teaching of the German Language**  
Fall, Winter, Spring. 1(1-0)  
May reenroll for a maximum of 3 credits. Graduate teaching assistants.

815. **Middle High German Language**  
Fall of even-numbered years. 3(3-0)  
Readings from the German language between 1050 and 1350, with emphasis upon the epic and lyric of the Classical period.

816. **Old High German Language and Literature**  
Spring of even-numbered years. 3(3-0)  
GRM 815 or approval of department.  
German language from the beginnings to about 1050, reading and analysis of sections from Tait, Isidor, Notker, Otfried, Hildebrand, and other documents.
### Courses

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

**824. Eighteenth Century Literature**  
Fall of even-numbered years. 3(3-0)  
Development of German literature from 1700 to 1770 with special emphasis on Lessing and Wieland.

**826. German Classicism**  
Winter of odd-numbered years. 3(3-0)  
Major works of Schiller and Goethe.

**827. Goethe’s Intellectual Development**  
Spring of even-numbered years. 3(3-0)  
An examination of Goethes thought in relation to his major works.

**834. Nineteenth Century Literature**  
Fall of odd-numbered years. 3(3-0)  
Representative literary masterpieces from Romanticism to Naturalism.

**836. Twentieth Century Literature**  
Winter of even-numbered years. 3(3-0)  
Representative works of drama, prose and lyric poetry from Naturalism to World War II.

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

**841. Old Norse**  
Spring or odd-numbered years. 3(3-0)  
Approval of department.

Readings from Old Norse poetry and prose.

**842. Gothic**  
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**  
Winter of even-numbered years, Summer. 3(3-0)  
GEM 415.

Reading and analysis of the ninth century Low German ‘Helian’ and ‘Genesis.’

**860. Graduate Reading Course**  
Fall, Winter, Spring, Summer. 1 to 5 credits. May enroll for a maximum of 15 credits. Approval of department.

Supervised reading course for investigation of special fields.

**899. Master’s Thesis Research**  
Fall, Winter, Spring. Variable credit. Approval of department.

**981. Seminar**  
Fall, Winter, Spring. 3-4(3-0)  
May reenroll for a maximum of 15 credits.

A particular writer, a major work, or a limited theme is chosen for intensive analysis.

**999. Doctoral Dissertation Research**  
Fall, Winter, Spring. Variable credit. May reenroll for a maximum of 24 credits.

### Russian

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>101.</td>
<td>Elementary Russian</td>
<td>3(3-0)</td>
<td>May not receive credit for both RUS 101 and RUS 111. Fundamentals of grammar, syntax, and pronunciation with graded readings. RUS 111 plus RUS 112 are the equivalent of RUS 101.</td>
</tr>
<tr>
<td>102.</td>
<td>Elementary Russian</td>
<td>3(3-0)</td>
<td>May not receive credit for both RUS 102 and RUS 113. Continuation of RUS 101. RUS 113 plus RUS 114 are the equivalent of RUS 102.</td>
</tr>
<tr>
<td>103.</td>
<td>Elementary Russian</td>
<td>3(3-0)</td>
<td>May not receive credit for RUS 103 and RUS 115. Continuation of RUS 102. RUS 115 plus RUS 116 are the equivalent of RUS 103.</td>
</tr>
<tr>
<td>111.</td>
<td>Elementary Russian</td>
<td>3(3-0)</td>
<td>May not receive credit for RUS 111 and RUS 101. Fundamentals of grammar, syntax and pronunciation with graded readings. RUS 112 plus RUS 111 are the equivalent of RUS 101.</td>
</tr>
<tr>
<td>112.</td>
<td>Elementary Russian</td>
<td>3(3-0)</td>
<td>May not receive credit for RUS 112 and RUS 101. Continuation of RUS 111. RUS 112 plus RUS 113 are the equivalent of RUS 101.</td>
</tr>
<tr>
<td>113.</td>
<td>Elementary Russian</td>
<td>3(3-0)</td>
<td>May not receive credit for RUS 113 and RUS 102. Continuation of RUS 112. RUS 113 plus RUS 114 are the equivalent of RUS 102.</td>
</tr>
<tr>
<td>114.</td>
<td>Elementary Russian</td>
<td>3(3-0)</td>
<td>May not receive credit for RUS 114 and RUS 103. Continuation of RUS 113. RUS 114 plus RUS 115 are the equivalent of RUS 102.</td>
</tr>
<tr>
<td>115.</td>
<td>Elementary Russian</td>
<td>3(3-0)</td>
<td>May not receive credit for RUS 115 and RUS 104. Continuation of RUS 114. RUS 115 plus RUS 116 are the equivalent of RUS 103.</td>
</tr>
<tr>
<td>116.</td>
<td>Elementary Russian</td>
<td>3(3-0)</td>
<td>May not receive credit for RUS 116 and RUS 105. Continuation of RUS 115. RUS 116 plus RUS 117 are the equivalent of RUS 103.</td>
</tr>
<tr>
<td>201.</td>
<td>Intermediate Russian</td>
<td>3(3-0)</td>
<td>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.</td>
</tr>
<tr>
<td>202.</td>
<td>Intermediate Russian</td>
<td>3(3-0)</td>
<td>Continuation of RUS 201.</td>
</tr>
<tr>
<td>203.</td>
<td>Intermediate Russian</td>
<td>3(3-0)</td>
<td>Continuation of RUS 202.</td>
</tr>
</tbody>
</table>

**312. Advanced Composition and Conversation**  
Fall. 3(3-0)  
RUS 203.

Review of finer points of grammar. Oral reports, tape recordings, intensive class discussion. Written exercises, translations into Russian, compositions.

**322. Advanced Composition and Conversation**  
Winter. 3(3-0)  
RUS 321.

Continuation of RUS 321.

**323. Advanced Composition and Conversation**  
Spring. 3(3-0)  
RUS 322.

Continuation of RUS 322.

**325. Russian Civilization and Culture**  
Fall. 3(3-0)  
RUS 203.

Cultural heritage of the Russian people. Readings on history, geography, the arts, religion, ideologies.

**326. Russian Civilization and Culture**  
Winter. 3(3-0)  
RUS 325.

Continuation of RUS 325.
327. Russian Civilization and Culture
Spring, 3(3-0) RUS 203.
Continuation of RUS 326.

341. Alexander Solzhenitsyn and the Russian Literary Tradition in English Translation
Fall, 3(3-0) Knowledge of Russian is not required.
Reading of the principal works of Alexander Solzhenitsyn with inquiry into their literary and philosophical antecedents, especially Dostoevsky and Tolstoy.

401. Russian Literature Before 1917
Fall of odd-numbered years. 3(3-0) RUS 303 or RUS 327.
Major literary movements, authors, and works from the Kievan time to 1917.

402. Russian Literature Before 1917
Winter of even-numbered years. 3(3-0) RUS 401.
Continuation of RUS 401.

403. Russian Literature Before 1917
Spring of even-numbered years. 3(3-0) RUS 402.
Continuation of RUS 402.

410. Russian Reading Skills
Fall, Winter, Spring, Summer. 5(5-0) RUS 101 or graduate students or approval of department.
Designed for those in scientific or other fields who wish to be able to read scholarly material. An intensive presentation of Russian grammar with emphasis on those features and techniques necessary for reading and translation.

411. Russian Reading Skills
Fall, Winter, Spring. 5(5-0) RUS 103 or RUS 410 and approval of department.
Reading and translation of works in the student's field of interest. Completion of RUS 410 and RUS 411 with a 3.0 or better will satisfy the Ph.D. reading requirement in most departments.

425. Contemporary Russian Literary Language
Fall. 3(3-0) RUS 323.
Description and analysis of contemporary Russian literary language, its phonology, morphology and syntax. Designed especially for future teachers of Russian.

426. Contemporary Russian Literary Language
Winter. 3(3-0) RUS 425 or approval of department.
Continuation of RUS 425.

427. Contemporary Russian Literary Language
Spring. 3(3-0) RUS 426 or approval of department.
Continuation of RUS 426.

431. Russian Literature Since 1917
Fall of even-numbered years. 3(3-0) RUS 303 or RUS 328.
Literary schools and authors in Russia after 1917. Readings in the works of Gorky, Mayakovsky, Alexei Tolstoy, Sholokhov, Pasternak and others.

432. Russian Literature Since 1917
Winter of odd-numbered years. 3(3-0) RUS 303 or RUS 328.
Continuation of RUS 431.

433. Russian Literature Since 1917
Spring. 3(3-0) RUS 303 or RUS 326.
Continuation of RUS 432.

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

501. Slavic Bibliography and Research Methods
Fall of odd-numbered years. 3(3-0) Bibliographies of Slavic literature and languages. The library and the utilization of its resources. Principles of bibliographic compilation and research techniques in Russian literature and linguistics.

515. Russian Literature Before 1800
Fall of even-numbered years. 3(3-0) Origin and development of Russian literature up to 1800. Emphasis on major works and authors of the period.

517. Nineteenth Century Russian Prose I
Fall of odd-numbered years. 3(3-0) Pushkin and Chekhov's search for a modern literary expression.

518. Nineteenth Century Russian Prose II
Winter of even-numbered years. 3(3-0) Gogol and Turgenev: a study of contracting techniques and temperaments.

528. Introduction to Old Church Slavic
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.

529. Development of Old Church Slavic and Russian
Winter of odd-numbered years. 3(3-0) Historical phonology and morphology of Old Church Slavic compared to that of Russian. The relation of both languages to Proto-Slavic and Proto-Indo-European. Readings of selected Old Church Slavic and Old Russian texts.

530. 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.

532. Russian Drama Before 1859
Winter of odd-numbered years. 3(3-0) Origin and development of Russian drama. Analysis of major plays by Fontovizov, Griboiudov, Pushkin, Lermontov and Gogol.

533. Russian Poetics
Fall of odd-numbered years. 3(3-0) The development of literary genres, prosody, and versification.

536. Nineteenth Century Russian Poetry
Winter of even-numbered years. 3(3-0) RUS 835 or approval of department. Trends and styles in 19th century Russian poetry up to 1890. Emphasis on major poetry by Zhukovsky, Batyushkov, Pushkin, Baratynsky, Yazykov, Tsutchev, Lermontov, Tolstoy, Fet, Nekrasov, and Solovyev.

537. Twentieth Century Russian Poetry
Spring of even-numbered years. 3(3-0) RUS 856 or approval of department. Theory and practice of the Symbolists, Aesthetics, Transcendentalism and Socialist Realism.

534. Russian Phonology and Morphology
Winter of even-numbered years. 3(3-0) LIN 401. Linguistic description of the phonological and morphological structure of Modern Russian: phonemes and their allophones; morphological classes; morphophonemics.

535. Russian Syntax
Spring of even-numbered years. 3(3-0) RUS 854. Survey of syntactic phenomena in modern Russian. Basic clause, phrase, and sentence structure and their interactions. Syntactic classes and their membership. The functions of Russian cases.

536. Twentieth Century Russian Prose I
Winter of even-numbered years. 3(3-0) Modernistic trends in Russian prose before 1917.

537. Twentieth Century Russian Prose II
Spring of even-numbered years. 3(3-0) Selected works by Bunin, Pasternak and Sholokhov.

539. Twentieth Century Russian Prose IV
Spring of odd-numbered year 3(3-0) 'Samizdat' works of Russian dissident writers.

538. Graduate Reading Course
Fall, Winter, Spring. 1 to 3 credits. May reenroll for a maximum of 15 credits. Approval of department. Supervised reading course for investigation of special fields in Russian literature.

599. Master's Thesis Research
Fall, Winter, Spring. Variable credit. Approval of department.
Courses of Descriptions - German and Russian

991. Seminar in Slavic Studies
Fall, Winter, Spring, 3(3-0) May reenroll for a maximum of 18 credits. A particular writer, a major work, or a limited theme is chosen for intensive analysis.

999. Doctoral Dissertation Research
Fall, Winter, Spring, Summer. Variable credits. May reenroll for a maximum of 36 credits.

GREEK
See Romance and Classical Languages.

HEALTH, PHYSICAL EDUCATION AND RECREATION

College of Education

Instructional Courses
The program in physical education is designed to offer students an opportunity to test and evaluate themselves physically and, during their first term at the University, be guided in their choice toward activities in which they may achieve some measure of success, add to their physical well-being and develop a reasonable amount of skill which will promote participation in healthful and recreational activities during their lifetime. Classes are offered in the areas of body dynamics, aquatics, individual, dual, and team sports, dance, and gymnastics.

106. Individual Sports
Fall, Winter, Spring, Summer. 1(0-3)
Provides opportunities for the student to become 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)
Includes 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, protection and safety, not only of the student, but also of others.

110. Gymnastics
Fall, Winter, Spring. 1(0-3)
Contributes to the development of symmetrical, organically, sound bodies. Poise, grace, flexibility and a better understanding of the health and benefits of regular exercise are emphasized. The many specific in this area include tumbling, apparatus, and Swedish gymnastics.

Professional Courses

Health Education-103, 316, 328, 331, 405, 407, 802, 810, 850, 889, 985.

Personal Health
Fall, Winter, Spring. 1(0-3)
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(0-2)
Introduction to Physical Education including: interpretation of curriculum, major and minor; explanation of aims and objectives; professionalism; problems peculiar to the field; and discussion of job opportunities.

140. Methods and Materials of Physical Education
Fall, Spring. 2(3-0) May reenroll for a maximum of 12 credits. For those taking swimming: intermediate swimming or HPR 114.
Physical education basic skills, methods and materials as competencies for future teaching. Skills, methods and materials are covered for the following activities: gymnastics, tennis, and swimming.

141. Methods and Materials of Physical Education
Fall, Spring. 1 to 3 credits.
Physical education basic skills, methods and materials as competencies for future teaching. Skills, methods and materials are covered for the following activities: gymnastics, tennis, and swimming.

142. Methods and Materials of Physical Education
Fall, Spring. 2(3-0) May reenroll for a maximum of 12 credits. Intermediate swimming or HPR 143.
Physical education basic skills, methods and materials as competencies for future teaching. Skills, methods and materials are covered for the following activities: gymnastics, tennis, and swimming.

143. Methods and Materials of Physical Education
Winter. Spring. 1 to 3 credits.

144. Methods and Materials of Physical Education
Fall, Winter, Spring. 1 to 3 credits. Intermediate swimming or HPR 143.
Physical education basic skills, methods and materials as competencies for future teaching. Skills, methods and materials are covered for the following activities: gymnastics, tennis, gymnastics and swimming.

145. Methods and Materials of Physical Education
Fall, Spring, Winter, 1 to 3 credits.
Physical education basic skills, methods and materials as competencies for future teaching. Skills, methods and materials are covered for the following activities: track and field, touch football and volleyball.

151. Outdoor Education Activities
Fall. 2(0-4)
Knowledge and appreciation of outdoor recreational skills for seasonal use—backpacking, camping, rifle and shotgun.

152. Outdoor Education Activities
Winter. 2(0-4)
Knowledge and appreciation of outdoor recreational skills for seasonal use—cross-country skiing, ice fishing, ski diving, snowshoeing.

153. Outdoor Education Activities
Spring. 2(0-4)
Knowledge and appreciation of outdoor recreational skills for seasonal use—canoeing, rafting, orienteering, and survival.

201. Social Recreation and Game Leadership
Fall. 2(3-0) Approval of department.
Methods, materials, and practice in conducting party programs, intramural games, and celebrations for large and small groups. Games using special equipment commonly employed in resorts and community centers.

232. Rhythmic Form and Analysis
Fall. 2(1-3)
Fundamental rhythms and application to movement and accompaniment. Rhythmic studies and rhythmic approaches to composition.

240. Measurement in Physical Education
Winter, Spring, 4(3-2) HPR 121; 3 credits HPR 141-146. 1 year high school algebra. The basis of measurement techniques for use in school physical education programs.

245. Functional Analysis of Physical Activity
Fall. 2(1-3) ANT 216 or concurrently; PSL 240 concurrently; one year high algebra; HPR 240 for HPR majors. An extension of PSL 240 to include information relevant to exercise and training applications. Immediate, chronic, and residual effects of physical activity regimen are presented. Exercise prescription is emphasized.