

801. 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.

815. 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.

817. Nineteenth Century Russian Prose I

Fall of odd-numbered years. 3(3-0)

Pushkin and Chekhov's search for a modern literary expression.

818. Nineteenth Century Russian Prose II

Winter of even-numbered years. 3(3-0)

Gogol and Turgenev; a study of contrasting techniques and temperaments.

819. Nineteenth Century Russian Prose III

Spring of even-numbered years. 3(3-0)

Tolstoy and Dostoevsky: two canons of aesthetics and ethics developed through the genre of the novel.

828. 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.

829. Development of Old Church Slavic and Russian

Winter of odd-numbered years. 3(3-0)

828. 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.

830. Development of Modern Slavic Languages

Spring of odd-numbered years. 3(3-0)

829. 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 Before 1859

Winter of odd-numbered years. 3(3-0)

Origin and development of Russian drama. Analysis of major plays by Fonvizin, Griboyedov, Pushkin, Lermontov and Gogol.

833. Russian Drama, 1859-1917

Spring of odd-numbered years. 3(3-0)

Analysis of major plays by Ostrovsky, Turgenev, Tolstoy, Chekhov, and Gorky.

835. Russian Poetics

Fall of odd-numbered years. 3(3-0)

The development of literary genres, prosody, and versification.

836. Nineteenth Century Russian Poetry

Winter of even-numbered years. 3(3-0)

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, Tyutchev, Lermontov, Tolstoy, Fet, Nekrasov, and Solovyev.

837. Twentieth Century Russian Poetry

Spring of even-numbered years. 3(3-0)

836 or approval of department.

Theory and practice of the Symbolists, Acmeists, Futurists and the Social Realists.

850. Russian Literary Criticism, 19th Century

Fall of even-numbered years. 3(3-0)

The beginnings, the "Golden Age", and the radical critics.

851. Russian Literary Criticism, 20th Century

Winter of odd-numbered years. 3(3-0)

Aestheticism, Transcendentalism and Socialist Realism.

854. 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.

855. Russian Syntax

Spring of even-numbered years. 3(3-0)

854.

Survey of syntactic phenomena in modern Russian. Basic clause, phrase, and sentence structures and their interrelations. Syntactic classes and their membership. The functions of Russian cases.

856. Twentieth Century Russian Prose I

Winter of even-numbered years. 3(3-0)

Modernistic trends in Russian prose before 1917.

857. Twentieth Century Russian Prose II

Spring of even-numbered years. 3(3-0)

Selected works by Bunin, Pasternak and Sholokhov.

858. Twentieth Century Russian Prose III

Winter of odd-numbered years. 3(3-0)

Selected works by Solzhenitsyn, Terz and Nabokov.

859. Twentieth Century Russian Prose IV

Spring of odd-numbered years. 3(3-0)

"Samizdat" works of Russian dissident writers.

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.

899. Research

Fall, Winter, Spring. Variable credit.

Approval of department.

981. Seminar in Slavic Studies

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.

999. Research

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

GREEK

See Romance and Classical Languages.

HEALTH, PHYSICAL EDUCATION AND RECREATION

HPR

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 may promote participation in healthful activities throughout their entire lives. 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 healthful benefits of regular exercise are emphasized. The many specifics in this area include tumbling, apparatus, and Swedish gymnastics.

111. Dance

Fall, Winter, Spring. 1(0-3)

Beginning and intermediate folk, social and square dance techniques.

211. Dance

Fall, Winter, Spring. 2(0-6) Approval of department for Level II and higher.

Gradation levels of ballet, modern, and jazz dance.

**Descriptions — Health, Physical Education and Recreation
of
Courses**

Professional Courses

Physical Education—103, 121, 141, 142, 143, 144, 145, 146, 151, 152, 153, 201, 232, 240, 245, 246, 251, 252, 253, 260, 261, 300, 303, 306, 307, 309, 310, 316, 321A, 321B, 321C, 328, 329, 331, 338, 342, 343, 344, 345, 360, 362, 370, 385, 386, 387, 390, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 415, 418, 421, 422, 424, 425, 436, 440, 441, 442, 443, 445, 452, 471, 490, 491, 800, 801, 802, 803, 804, 805, 806, 808, 809, 810, 813, 814, 815, 816, 817, 818, 819, 820, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 840, 842, 850, 852, 860, 879, 882, 884, 885, 889, 890, 899, 950, 984, 985, 999.

Health Education—103, 316, 328, 331, 405, 407, 802, 810, 850, 889, 890, 985.

Recreation—201, 300, 303, 370, 400, 401, 402, 403, 404, 422, 445, 447, 448, 449, 471, 803, 850, 879, 889, 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(0-2)

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.

141. Methods and Materials of Physical Education

Fall, Spring. 3(1-4)

Physical education basic skills, methods and materials as competencies for future teaching. Skills methods and materials are covered for the following activities: badminton, golf, and wrestling or synchronized swimming.

142. Methods and Materials of Physical Education

Fall, Spring. 3(1-4)

Physical education basic skills, methods and materials as competencies for future teaching. Skills, methods and materials are covered for the following activities: basketball, tennis and soccer.

143. Methods and Materials of Physical Education

Winter, Spring. 3(1-4)

Physical education basic skills, methods and materials as competencies for future teaching. Skills, methods and materials are covered for the following activities: paddleball, bowling, swimming II, and folk, social and square dance.

144. Methods and Materials of Physical Education

Fall, Winter. 3(1-4)

Physical education basic skills, methods and materials as competencies for future teaching. Skills, methods and materials are covered for the following activities: gymnastics, team handball and lifesaving.

145. Methods and Materials of Physical Education

Fall, Spring. 3(1-4)

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.

146. Methods and Materials of Physical Education

Fall, Spring. 3(1-4)

Physical education basic skills, methods and materials as competencies for future teaching. Skills, methods and materials are covered for: field hockey, softball, archery, and modern dance or judo.

151. Methods and Materials of Physical Education

Fall. 2(0-4)

Knowledge and appreciation of outdoor recreational skills for seasonal use—backpacking, camping, rifle and shotgun.

152. Methods and Materials of Physical Education

Winter. 2(0-4)

Knowledge and appreciation of outdoor recreational skills for seasonal use—cross country skiing, ice fishing, skin diving, snowshoeing.

153. Methods and Materials of Physical Education

Spring. 2(0-4)

Knowledge and appreciation of outdoor recreational skills for seasonal use—canoeing, casting, orienteering, and survival.

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.

232. Rhythmic Form and Analysis

Fall. 2(1-3)

Fundamental rhythms and application to movement and accompaniment. Rhythmic studies and rhythmic approach to composition.

240. Measurement in Physical Education

Winter, Spring. 4(3-2) 121; MTH 103; or 1 year high school algebra; 4 credits. HPR 141-149; or approval of department.

The basis of measurement techniques for use in school physical education programs.

245. Functional Analysis of Physical Activity I

Fall. 2(1-3) ANT 316; PSL 240 concurrently; HPR 240 for majors.

An extension of PSL 240 to include information relevant to exercise and training applications. Immediate, chronic, and residual effects of physical activity regimens are presented. Exercise prescription is emphasized.

246. Functional Analysis of Physical Activity II

Winter. 2(1-3) 245; concurrently with PSL 241.

An extension of PSL 241 to include information relevant to exercise and training applications. Immediate, chronic, and residual effects of physical activity regimens are presented. Exercise prescription is emphasized.

251. Structural Analysis of Physical Activity I

Fall, Winter. 2(1-3) ANT 316; 4 credits. HPR 141-149; or approval of department.

Techniques of the analysis of human movement based on body structure and muscular action.

252. Structural Analysis of Physical Activity II

Winter, Spring. 2(1-3) 251.

Continuation of 251 with emphasis on analyses of physical activities involving the lower body and forced respiration.

253. Mechanical Analysis of Physical Activity

(250.) Fall, Spring. 4(3-2) 251; 240 for majors.

Techniques of analysis of human movement based upon mechanical principles.

260. Development Basis of Physical Activity

Fall, Spring. 3(3-0) 246; 252; 253.

Analysis of sequential progression of fundamental motor skills—infancy through late childhood. Study physical growth patterns and biological maturity as related to motor performance and social development. Opportunity to observe and teach motor skills to children aged 4½ through 12.

261. Psychomotor Basis of Physical Activities

Fall, Spring. 3(3-0) 246.

Application of learning theories and principles to the acquisition of motor skill learning; factors affecting skill acquisition; instructional considerations.

300. Camp Counseling

Spring. 3(2-3)

Orientation and preparation for job. Organization of activities and special programs. Group leadership responsibilities. Development of camp counseling techniques.

303. Recreation and Youth Organization Programs

Winter. 4(4-0) 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.

306. Athletic Training

Fall, Winter. 3(2-3) 246; 252; 253.

Principles governing conditioning of men for various sports; different types of men; hygienic rules, study of weight sheets, massage; prevention of staleness, symptoms and treatment; work and rest; prevention and treatment of injuries.

307. Football Coaching

Winter. 3(2-4) Majors, minors or approval of department.

Equipment, conditioning, fundamentals, individual positions, offense, defense, signals, generalship, strategy, and interpretations of rules.

309. Track and Field Coaching

Fall 3(2-4) Majors, minors or approval of department.

Organization and development of track and field athletics. Administration and handling of competitions, techniques of various events and methods of training and evaluating candidates.

310. Cultural Analysis of Physical Activities

Fall, Spring. 3(3-0) Sophomores; 240.

Historical and sociological analysis of the development of physical education, sports, and dance, and their roles in current society.

316. Community Health Problems

Winter, Spring, Summer. 3(3-0) 103.

Knowledge and understanding of community health problems and needs. Special attention to various health organizations working toward solution of these problems.

321A. Methods of Teaching Dance

Fall, Winter, Spring. 3(2-2) Approval of department.

Experience in teaching dance; analyzing teaching methods and evaluation of these methods.

321B. History of Dance — Level I

Winter. 2(2-0) 211.

History of dance from primitive man to the year 1800. Various dance forms, cultures and philosophies.

321C. History of Dance — Level II

Spring. 2(2-0) 321B.

The history of dance from the year 1800 to the present. Various dance forms, philosophies and personalities.

328. School Health Problems

Fall, Winter. 3(3-0) 103.

Health problems of school-age children. Special attention to school health services and healthful school living.

329. Basketball Coaching

Fall. 3(2-4) Majors, minors or approval of department.

History and techniques, fundamentals, equipment, treatment of injuries, methods of training, and coaching. Rules and various types of offense and defense.

331. First Aid and Emergency Care

Fall, Winter, Spring. 3(3-0)

Knowledges and skills relative to: legal liability, wounds, shock, respiratory disorders and artificial respiration, cardiac disorders and cardiopulmonary resuscitation, burns, fractures, poisoning, drug overdose, emergency childbirth, transportation techniques, extrication techniques and environmental emergencies.

338. Gymnastics Coaching

Fall, Spring. 3(1-6) Majors, minors, or approval of department.

Teaching techniques and fundamentals of apparatus stunts, individual and doubles tumbling stunts, techniques of conducting calisthenics programs. Emphasis of building stunt routines and safety measures in gymnasium.

342. Techniques of Teaching Physical Activities

Fall, Winter. 4(1-9) 260, 261, 310, 141-144.

Advanced teaching techniques, analysis of fundamentals and application of kinesiological principles in basketball, gymnastics, softball, swimming, and track and field.

343. Techniques of Teaching Physical Activities

Winter, Spring, Summer. 2(1-3) 260, 261, 310, 144-146.

Advanced teaching techniques, analysis of fundamentals and application of kinesiological principles in dance (folk, social, square) and volleyball.

344. Techniques of Teaching Physical Activities

Fall, Spring, Summer. 2(1-3) 141, 142, 260, 261, 310.

Advanced teaching techniques, analysis of fundamentals and application of kinesiological principles in golf, soccer and tennis.

345. Water Safety Instructor

Fall, Winter, Spring. 2(1-4) Senior Life Saving Certificate.

Analysis of teaching swimming with application of kinesiological principles as they apply to swimming. Students can earn Red Cross W.S.I. Certification.

360. Wrestling Coaching

Spring. 3(1-6) Majors, minors or approval of department.

Equipment, conditioning, fundamentals, strategy, rules and officiating of wrestling.

362. Introduction to Therapeutic Recreation

Fall. 3(3-0) Recreation major or approval of department.

Philosophical and theoretical foundations of therapeutic recreation, overview of populations, type and nature of settings and services and information related to concepts of delivery and resources available.

370. Playground and Day Camp Administration

Winter, Spring. 3(3-0) Approval of department.

Organization and administration of playground and day camp programs; equipment and areas, supplies and maintenance; staff selection and training; policies, records and legal responsibilities.

385. Advanced Modern Dance

Fall. 2(0-6) 211.

Development of technical ability and understanding of dynamics and energy in movement, with a strong emphasis on body alignment, efficiency of movement, control and endurance.

386. Advanced Modern Dance

Winter. 2(0-6) 385.

Strengthen the technical ability; develop a personal understanding of the body and its movement; cultivate the qualities of strength, endurance, flexibility and control.

387. Advanced Modern Dance

Spring. 2(0-6) 386.

Continuation of 386.

390. Cadet Teaching

Fall, Winter, Spring. 2(0-6) Two of the following: 342, 343, 344.

Clinical experience in teaching various age groups.

400. Camp Administration

Fall. 3(3-0) 300 or approval of department.

Organization and administration of public, semi-public, and private camps; their program requirements and standards. Equipment, camp sites, budgets, and staff.

401. Organization and Administration of Community Recreation

Winter. 3(3-0) 370; 404; 422.

Development of the recreational movement in respect to leisure time. Community recreation programs. State and national acts. Principles and practices in recreational administration.

402. Student Leadership in Recreation

Summer. 3 to 6 credits. May re-enroll for a maximum of 6 credits.

Student will act as a camp counselor or playground leader under supervision at an approved camp or playground. Reports required of student periodically.

403. Fieldwork in Health, Physical Education or Recreation

Fall, Winter, Spring. 1 to 8 credits. May re-enroll for a maximum of 8 credits. Approval of department.

Laboratory course in which student acts as a leader under supervision in community or school health, physical education, and recreation programs.

404. Facility Planning and Construction

Winter. 4(4-0)

Planning of athletic and physical education facilities such as gymnasiums, ice rinks, swimming pools, outdoor areas, etc., will be covered. Space utilization standards and guidelines will be presented along with the selection of equipment.

405. The School Health Program

Fall. 3(3-0) Eight credits in Health Education or approval of department. Primarily for students specializing in health education, those interested in administering school health programs, and school administrative officers.

Coordination of all aspects of school health with other school programs, with outside agencies, and with community at large. Policies governing staff, facilities, and program.

406. Conditioning and Rehabilitation

Spring. 3(2-3) 306.

Organization and administration of athletic training programs including injury prevention, management and rehabilitation. Special problems in training and game equipment and facilities are reviewed.

407. Safety Education

Fall, Winter. 3(3-0)

Safety problems in the home, school, and community; safety education programs in the elementary, junior and senior high schools.

408. Advanced Basketball Coaching

Winter. 4(4-0) 329.

Advanced techniques in offensive and defensive strategy, equipment, training personnel, scouting, and officiating.

409. Team and Individual Sports for Women

Fall, Winter. 2(1-3) Approval of department.

Advanced techniques, strategy, conditioning and training, competitive events, and coaching.

410. Baseball Coaching

Fall. 3(2-4) Majors, minors, or approval of department.

Fundamentals and proper methods of fielding each position; qualifications for positions; teamwork and strategy; study of rules.

411. Choreography — Level I

Spring. 2(1-3) 232; 211.

Basic understanding of dance choreography with emphasis on modern dance.

412. Choreography — Level II

Winter. 2(0-4) 411.

Dance choreography with an emphasis on group choreography.

415. Curriculum and Administration in Physical Education

Winter, Spring, Summer. 5(4-3) ED

436.

Administrative principles and the development of the physical education curriculum in schools.

**Descriptions — Health, Physical Education and Recreation
of
Courses**

- 418. Intramural Sports**
Winter. 3(3-0) Juniors.
How to carry on a program of intramural sports. Administration, purpose, schedule, publicity, program of activity, scoring, rules, awards, and reports.
- 421. Advanced Football Coaching**
Spring. 5(5-0) 307.
Analysis of best known offensive and defensive systems. Modern techniques of training, game strategy, scouting, and officiating.
- 422. The Theory and Philosophy of Recreation**
Fall. 3(3-0)
Philosophy and psychology of play. Types of play program, program building, the play teacher.
- 424. Selected Topics**
Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 9 credits. Approval of department.
Selected professional problems of teachers will be dealt with on an individual and on a group basis. Each student will be expected to select one or more problems for study.
- 425. Proseminar**
Winter, Spring, Summer. 2(2-0) ED 436.
Philosophical positions, method and function applied to professional practice in the field of physical education.
- 436. Dance Production**
Spring. 3(2-3) Approval of department.
Principles and methods involved. Practical experience in development and presentation of dance programs.
- 440. Developmental Basis of Motor Skills**
Fall, Spring. 3(3-0)
Emphasizes the developmental sequence of fundamental motor skills and the influence of physical growth and biological maturation on motor development.
- 441. Physical Education in the Elementary School**
(226A.) Fall, Winter. 2(0-6) 260 and 261, or 440; 310.
Curriculum, skills, games, and rhythms.
- 442. Transitional Motor Activities**
Winter, Spring, Summer. 2(0-6) 141, 142, 144, 145, 146, 441.
Low organizational and lead-up activities to team sports for elementary school children. Selection and presentation of activities; development of activity sequences.
- 443. Methods and Materials for Elementary School Physical Education**
Spring. 2(0-6) 441; not open to physical education majors.
Knowledge of rules, strategies and expandable equipment; development of minimum levels of skill in basketball, folk-square-social dance, gymnastics, soccer, softball, swimming, track and field, touch football, volleyball.
- 445. Outdoor Education**
Fall, Spring. 3(3-0) Juniors.
Teachers and others interested in instructional programs involving use of outdoor settings, school camps. History, philosophical basis, implications for the curriculum. Field trips and observations arranged.
- 447. Principles of Therapeutic Recreation**
Winter. 3(3-0) 362.
Basic principles and procedures related to the planning, conducting and evaluation of Therapeutic Recreation services. Activity analysis, assessment and treatment plans are presented in depth.
- 448. Techniques in Therapeutic Recreation**
Spring. 3(2-2) 447.
Presentation of a variety of instructional, intervention and interaction techniques used when working with special populations in recreation.
- 449. Professional Issues and Trends in Therapeutic Recreation**
Fall. 2(2-0) 448.
Concepts of professionalism including current trends and issues, ethical and organizational considerations. Interpretation of the field and procedures of employment will be covered.
- 452. Physical Education and Recreation for the Handicapped**
Fall, Winter, Spring. 3(2-3) 260 and 261, or 440; 310; ED 327 or ED 321A or concurrently.
Principles and procedures in selecting and sequencing learning activities of school age children with handicapped conditions that require special physical education programs or adapted activities in the regular program.
- 471. Youth Serving Organizations**
Winter. 3(3-0) Sophomores.
Study of historical background, purposes and philosophy; organizational structure and administrative functions of youth organizations.
- 490. Cadet Teaching—Motor Development**
Fall, Winter, Spring, Summer. 1(0-3) 331 or concurrently; 342 or 442, 441, 452; ED 327 or 321A.
Provides a laboratory experience in teaching fundamental motor skills to children of early childhood, elementary and middle school ages. Emphasis is placed on the sequential order of skill progressions.
- 491. Cadet Teaching—Remedial Motor**
Fall, Winter, Spring, Summer. 1(0-3) 331 or concurrently; 342 or 442, 441, 452; ED 327 or 321A.
A practical teaching experience involving the assessment of gross motor dysfunction and development of prescriptive programs in a laboratory instructional situation.
- 800. Teaching Problems and Advanced Methods**
Spring. 3(3-0)
Relationship of research in education to educational practice in physical education. Problems in instruction. Careful consideration of new and older methods applied to physical education in the public schools.
- 801. Current Problems in Physical Education**
Winter. 3 credits.
Recognizing, classifying and rating problems in physical education. Studying techniques and methods for solving problems. Selecting for study individual and group problems.
- 802. Current Problems in Health Education**
Summer. 3 credits. Approval of department.
Problems in both the fields of health and safety education are presented and discussed. Special emphasis will be placed upon the controversial issues in these fields.
- 803. Current Problems in Recreation**
Fall. 3(3-0) 422.
Study of the issues in the areas of public and school recreation, youth-serving organizations, and community groups. Emphasis will be on recognizing signs of conditions that could lead to problems.
- 804. Evaluation in Physical Education I**
Winter. 3(3-0) 240, 808 or approval of department.
Application of elementary inferential statistics to research problems in Physical Education.
- 805. Evaluation in Physical Education II**
Spring. 5(3-6) 804 or approval of department.
Application of advanced inferential statistics to research problems in physical education with emphasis on computer usage.
- 806. Sports and Society**
Spring. 3(3-0)
Social and cultural nature, origin, and development of sports in Western society. Examination of relationships between structure, variety, and extent of sports activity and other institutional sectors in society; family, economy, government.
- 808. Research Techniques**
Fall, Summer. 5(3-6)
- 809. Orientation to Physical Education and Recreation for the Handicapped**
Fall. 1(1-0) Master's students with emphasis in Physical Education and Recreation for Handicapped.
Basic terminology, fundamental values, overview of special populations. Exposure to settings, services, resources and professionalism in physical education and recreation for the handicapped. Overview of systems approach to master's curriculum.
- 810. Organization and Administration of Safety Education**
Spring. 3 credits. 407. Primarily for leaders, teachers, and administrators.
Various phases of organization and administration of safety education. Application of this knowledge in solving safety problems in the community.
- 813. Analysis of Professional Literature**
Fall, Spring. 2(2-0) Approval of department.
Outstanding professional literature in health, physical education, and recreation and of the related fields of physiology, psychology, sociology and others. Critical analysis of selected studies.
- 814. The Application of Psychology to Physical Education and Athletics**
Fall. 3 credits.
Need and purpose of psychology in physical education and athletics. Studies of the psychology of physical education and athletics.
- 815. Special Aids in Physical Education**
Winter. 3 credits.
Course for experienced teachers; deals with special problems found in teaching physical education.
- 816. Motor Development**
Fall. 3(3-0)
Principles of motor development, with implications for learning gross motor skills. Consideration of the factors associated with individual differences in attaining motor proficiency during childhood and adolescence.

- 817. Motor Skill Acquisition in Early Childhood**
Winter. 3(3-0) 440 or 816.
Reflexes, reactions and patterns of motor behavior in children between the ages of two and seven years. Experiences include development of curricula in motor skills for children of specific ages.
- 818. Compensatory and Remedial Motor Education**
Spring. 3(3-0)
Identification and education of children with gross motor dysfunction. Screening for motor deficits, diagnostic testing, prescriptive program planning and evaluation of existing programs.
- 819. Physical Education and Recreation for the Mentally Handicapped**
Spring. 3(2-3) 452; ED 424A, 429.
Application of research data and physical education principles and practices to the solving of learning difficulties of the handicapped. Curriculum development with procedures for instructional modification and evaluation.
- 820. Physical Conditioning**
Spring. 3(3-0) 825 or approval of department.
Selected topics in physical conditioning or training for improved work performance.
- 822. Philosophy of Physical Education**
Spring. 3 credits.
Studies of the philosophy of physical education and athletics.
- 823. Mechanical Analysis of Physical Education Activities**
Spring. 3(3-0) 253 or approval of department.
Integrating the student's knowledge of anatomy, physiology and elementary physics to gain an understanding of the way the whole body responds in a dynamic situation.
- 824. Somatic Foundations of Physical Activity I**
Fall. 3(3-0)
Study of the immediate and chronic effects of physical exercise.
- 825. Somatic Foundations of Physical Activity II**
Winter. 3(3-0) 824.
Continuation of 824.
- 826. Somatic Foundations of Physical Activity Laboratory**
Spring. 2(1-3) 825 or concurrently.
Laboratory course based on the subject matter of 824 and 825.
- 827. Seminar in Health, Physical Education and Recreation**
Winter, Spring. 1(1-0) May re-enroll for a maximum of 6 credits in master's program. 808 or concurrently.
Research seminar for master's and doctoral candidates. Primary attention given to the review of students' theses and research problems.
- 828. Laboratory Orientation**
Fall. 1(0-3)
Laboratory techniques with emphasis on maintenance, calibration and operation of laboratory instruments.
- 829. Supervision of Physical Education**
Winter. 3(3-0) Approval of department.
Techniques of supervision and their application in improving the teacher-pupil learning situations. Problems met by supervisors in elementary and secondary schools with class participation in solving them.
- 830. Motor Skill Learning**
Winter. 3(3-0)
Research and theory of learning and performance applied to gross motor skills. Emphasis on the neuromuscular and cybernetic bases of motor skill acquisition.
- 831. Experiments and Theoretical Issues in Motor Learning**
Spring. 3(2-3) 830.
Familiarization of laboratory equipment, experimental designs, and experiments in motor learning discussed in the context of theoretical issues.
- 832. Systems Approach to Program Planning**
Winter. 3(3-0) 809 or approval of department.
Principles and practices related to systems apparatus, accountability models and innovative planning techniques in curriculum and program planning. Systems applied to design of physical education and recreation programs for handicapped.
- 833. Evaluation of Systems Designed Programs**
Spring. 3(3-0) 832 or approval of department.
Content and design of evaluation plans for physical education and recreation programs for the handicapped using systems approaches. Consideration of psycho-metric tools; basic research, evaluation and measurement techniques.
- 840. Physical Education and Recreation for the Physically Handicapped**
Winter. 3(2-3) 251, 260.
Physical education and recreation therapy of the physically handicapped with problems concerned with cerebral palsy, paraplegics, amputees, cardiac, diabetic, asthmatic and low level physical fitness conditions.
- 842. Training and Consultation Techniques**
Fall. 3(2-2) 809, 832, 833 or approval of department.
Techniques in staff training, workshops and consultation for professionals in physical education and recreation for the handicapped. Assessment of training needs, preparation of materials, delivery and evaluation.
- 850. Individual Study**
Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 6 credits. Approval of department.
- 852. The Curriculum in Physical Education**
Spring. 3 credits.
Principles and content of physical education curricula in schools and colleges.
- 860. Administration of Physical Education in Schools and Colleges**
Fall, Summer. 3(3-0)
Designed to familiarize majors in this and other areas with administrative problems incident to high school and college programs of physical education for men and women.
- 879. Internship**
Fall, Winter, Spring, Summer. 3 to 9 credits. May re-enroll for a maximum of 9 credits. Approval of department.
Internship experience under the guidance and supervision of MSU faculty and intern consultants. Involves a variety of activities. Satisfies departmental required option. Proposal must be reviewed by faculty Review Board.
- 882. Seminars in Health, Physical Education and Recreation**
Fall, Winter, Spring. 1 to 5 credits. Approval of department.
Seminars in various fields of emphasis.
- 884. Directed Laboratory Experience**
Fall, Winter, Spring. 2 to 5 credits. May re-enroll for a maximum of 9 credits except in combination with 879. Students receiving credit in 879 are limited to combined total of 6 credits in 884 and 885. Approval of department.
Supervised laboratory experience for master's candidates.
- 885. Directed Field Experience**
Fall, Winter, Spring. 3 to 9 credits. May re-enroll for a maximum of 9 credits except in combination with 879. Students receiving credit in 879 are limited to a combined total of 6 credits in 884 and 885. Approval of department.
Supervised field experience in schools and other institutions for master's candidates.
- 889. Project in Health, Physical Education and Recreation**
Fall, Winter, Spring, Summer. 2 to 6 credits. May re-enroll for a maximum of 6 credits. Approval of department.
Satisfies departmental required option. Proposal must be reviewed by faculty Review Board.
- 890. Workshop**
Summer. 2 to 10 credits. May re-enroll for a maximum of 10 credits. Approval of department.
A laboratory approach to problems in the various areas of education. The workshop makes it possible for the participants to devote a period of time in a concentrated effort to find solutions to common problems.
- 899. Research**
Fall, Winter, Spring, Summer. 1 to 9 credits. May re-enroll for a maximum of 9 credits. 804 or concurrently; approval of department.
- 950. Individual Study**
Fall, Winter, Spring, Summer. 2 to 12 credits.
- 984. Directed Laboratory Experience**
Fall, Winter, Spring. 2 to 15 credits. Doctoral candidate; approval of department.
Supervised laboratory experience for doctoral candidates.
- 985. Directed Field Experience**
Fall, Winter, Spring. 3 to 15 credits. Doctoral candidate; approval of department.
Supervised field experience in schools and other institutions for doctoral candidates.
- 999. Research**
Fall, Winter, Spring, Summer. Variable credit. Approval of department.