

Descriptions – German and Russian

of

Courses

981. 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

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.

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, 310, 316, 321A, 321B, 321C, 328, 331, 342, 343, 344, 345, 349, 350, 351, 352, 353, 354, 355, 357, 358, 359, 360, 362, 370, 371, 372, 385, 386, 387, 390, 400, 401, 402, 403, 404, 405, 406, 407, 411, 412, 415, 418, 422, 424, 425, 436, 440, 441, 442, 443, 445, 452, 490, 491, 802, 803, 804, 805, 806, 807, 808, 809, 810, 813, 815, 816, 817, 818, 819, 822, 824, 825, 826, 827, 828, 829, 830, 832, 833, 835, 836, 837, 838, 840, 842, 850, 852, 860, 879, 882, 884, 885, 889, 899, 950, 984, 985, 999.

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

Recreation--201, 300, 303, 370, 400, 401, 402, 403, 404, 422, 445, 447, 448, 449, 495, 803, 850, 879, 889.

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. 1 to 3 credits. For those taking swimming: 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: badminton, golf, and wrestling or synchronized swimming.

142. 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: basketball, tennis and soccer.

143. Methods and Materials of Physical Education

Winter, Spring. 1 to 3 credits. HPR

109.

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. 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, team handball and lifesaving.

145. 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: track and field, touch football and volleyball.

146. 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: field hockey, softball, archery, and modern dance or judo.

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, skin diving, snowshoeing.

153. Outdoor Education Activities

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

Fall. 3(2-3) Approval of department.

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) 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 I

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 regimens are presented. Exercise prescription is emphasized.

- 246. Functional Analysis of Physical Activity II**
Winter. 2(1-3) HPR 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 216; 3 credits HPR 141-146, for HPR majors.
 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) HPR 251.
 Continuation of HPR 251 with emphasis on analyses of physical activities involving the lower body and forced respiration.
- 253. Mechanical Analysis of Physical Activity**
Fall, Spring. 4(3-2) HPR 251; one year high school algebra; HPR 240 for Physical Education majors.
 Techniques of analysis of human movement based upon mechanical principles.
- 260. Development Basis of Physical Activity**
Fall, Spring. 3(3-0) HPR 246; HPR 252; HPR 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 4-1/2 through 12.
- 261. Psychomotor Basis of Physical Activities**
Fall, Spring. 3(3-0) HPR 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, Spring. 3(2-3) HPR 246; HPR 252 or concurrently; HPR 253 or concurrently.
 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.
- 310. Cultural Analysis of Physical Activities**
Fall, Spring. 3(3-0) Sophomores; HPR 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) HPR 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 of odd-numbered years. 2(2-0) HPR 211.
 History of dance from primitive man to the year 1800. Various dance forms, cultures and philosophies.
- 321C. History of Dance--Level II**
Spring of odd-numbered years. 2(2-0) HPR 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) HPR 103.
 Health problems of school-age children. Special attention to school health services and healthful school living.
- 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.
- 342. Techniques of Teaching Physical Activities**
Fall, Winter. 4(1-9) HPR 142-146; HPR 260; HPR 261; HPR 310.
 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) HPR 143; HPR 145; HPR 260; HPR 261; HPR 310.
 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) HPR 141, HPR 142, HPR 260, HPR 261, HPR 310.
 Advanced teaching techniques, analysis of fundamentals and application of kinesiology 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.
- 349. Baseball Coaching**
(410.) Fall. 3(2-3) Majors, minors or approval of department.
 Fundamentals and proper methods of fielding each position; qualifications for positions; teamwork and strategy; study of rules; techniques of officiating.
- 350. Basketball Coaching**
(329.) Fall. 3(2-3) Majors, minors or approval of department.
 History and techniques; fundamentals; equipment; treatment of injuries; methods of training; coaching; rules and various types of offense and defense; and techniques of officiating.
- 351. Field Hockey Coaching**
Spring of odd-numbered years. 3(2-3) Majors, minors, or approval of department.
 Coaching of skills and strategies, training and conditioning procedures, purchase and maintenance of equipment, rules, and officiating techniques.
- 352. Football Coaching**
(307.) Winter. 3(2-3) Majors, minors or approval of department.
 Equipment; conditioning; fundamentals; individual positions; offense; defense; signals; generalship, strategy; interpretation of rules; and techniques of officiating.
- 353. Golf Coaching**
Fall of odd-numbered years. 3(2-3) Majors, minors, or approval of department.
 Coaching of skills and strategies, training and conditioning procedures, purchase and maintenance of equipment, rules and officiating techniques.
- 354. Gymnastics Coaching**
(338.) Spring. 3(2-3) Majors, minors or approval of department.
 Teaching techniques and fundamentals of apparatus stunts, individual and doubles tumbling stunts, techniques of conducting calisthenics programs. Emphasis on building stunt routines and safety measures in gymnasium. Techniques of officiating.
- 355. Softball Coaching**
Fall. 3(2-3) Majors, minors or approval of department.
 Coaching of skills and strategies, training and conditioning procedures, purchase and maintenance of equipment, rules and officiating techniques.
- 357. Tennis Coaching**
Fall of even-numbered years. 3(2-3) Majors, minors, or approval of department.
 Coaching of skills and strategies, training and conditioning procedures, purchase and maintenance of equipment, rules, and officiating techniques.
- 358. Track and Field Coaching**
(309.) Fall. 3(2-3) 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. Techniques of officiating.

Descriptions – Health, Physical Education and Recreation

of

Courses

- 359. Volleyball Coaching**
Winter. 3(2-3) Majors, minors or approval of department.
Coaching of skills and strategies, training and conditioning procedures, purchase and maintenance of equipment, rules, and officiating techniques.
- 360. Wrestling Coaching**
Spring of odd-numbered years. 3(2-3) 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.
- 371. Advanced Basketball Coaching**
(408.) Winter. 3(2-3) HPR 350.
Advanced techniques in offensive and defensive strategy, equipment, training personnel, scouting, and officiating.
- 372. Advanced Football Coaching**
(421.) Spring. 3(2-3) HPR 352.
Analysis of best known offensive and defensive systems. Modern techniques of training, game strategy, scouting, and officiating.
- 385. Advanced Modern Dance**
Fall. 2(0-6) HPR 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) HPR 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) May reenroll for a maximum of 4 credits. HPR 386.
Understanding of the movement principles of Humphrey technique; increased kinesthetic awareness; understanding of movement patterns; improvement in the efficiency, effectiveness, awareness and performance of the dancer.
- 390. Supervised Teaching--Content Areas**
Fall, Winter, Spring, Summer. 1 to 3 credits. May reenroll for a maximum of 6 credits. Approval of department.
Clinical experience teaching in various content areas.
- 400. Camp Administration**
Fall. 3(3-0) HPR 300 or approval of department.
Organization and administration of public, semipublic, and private camps; their program requirements and standards. Equipment, camp sites, budgets, and staff.
- 401. Organization and Administration of Community Recreation**
Winter, Spring. 3(3-0) HPR 370; HPR 404; HPR 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 reenroll 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 reenroll 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. Advanced Athletic Training**
Spring. 3(2-3) HPR 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.
- 411. Choreography--Level I**
Spring of odd-numbered years. 2(1-3) HPR 232; HPR 211.
Basic understanding of dance choreography with emphasis on modern dance.
- 412. Choreography--Level II**
Spring of even-numbered years. 2(0-4) HPR 411.
Dance choreography with an emphasis on group choreography.
- 415. Curriculum and Administration in Physical Education**
Winter, Spring, Summer. 5(4-3) ED 436A.
Administrative principles and the development of the physical education curriculum in schools.
- 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.
- 422. The Theory and Philosophy of Recreation**
Fall, Winter, Spring. 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 reenroll 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. 2(2-0) HPR 342; HPR 490 or concurrently; HPR 491 or concurrently.
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, Winter, Spring. 3(2-3) Not open to physical education majors or coaching minors.
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**
Fall, Winter. 2(0-6) HPR 260, HPR 261 or HPR 440.
Curriculum, skills, games, and rhythms.
- 442. Transitional Motor Activities**
Winter, Spring, Summer. 2(0-6) HPR 141, HPR 142, HPR 144, HPR 145, HPR 146, HPR 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) HPR 441; not open to physical education majors or coaching minors. 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) HPR 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) HPR 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**
Winter. 2(2-0) HPR 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) HPR 260 and HPR 261, or HPR 440; HPR 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.
- 480. Principles of Coaching**
Spring. 5(5-0) HPR 246; HPR 252 or concurrently; HPR 253 or concurrently. Not open to Physical Education majors.
Coach and athlete in the areas of administration, growth and development, motor skill acquisition, philosophy, psychology and sociology.
- 490. Cadet Teaching--Motor Development**
Fall, Winter, Spring, Summer. 1(0-3) HPR 331 or concurrently; HPR 342 or HPR 442; HPR 441; HPR 452.
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) HPR 331 or concurrently; HPR 342 or HPR 442; HPR 441; HPR 452.
A practical teaching experience involving the assessment of gross motor dysfunction and development of prescriptive programs in a laboratory instructional situation.
- 495. Recreation Management Practicum**
Fall, Winter, Spring, Summer. 12(1-34) to 18(1-52) Senior recreation major and approval of department. Prerequisite courses dependent upon recreation emphasis.
Application of academic experiences to a professional recreation setting through an extended period of placement. Incorporating leadership, planning, organization, and evaluation of programs within the professional recreation setting.
- 802. Current Problems in Health Education**
Spring of odd-numbered years. 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) HPR 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) HPR 240, HPR 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) HPR 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 of even-numbered years. 3(3-0)
The role of sport in the lives of its participants from a sociological perspective. The major topics of discussion will focus on the female athlete, the male athlete, and the coach.
- 807. Sports and Society II**
Spring of odd-numbered years. 3(3-0)
Sport as an institution from a sociological perspective at the macro level. The focus will be on the interrelationships between sport and such social systems as politics, economics, entertainment and religion.
- 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 of even-numbered years. 3 credits. HPR 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.
- 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) HPR 440 or HPR 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**
Winter. 3(2-3) HPR 452; ED 424A, ED 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.
- 822. Philosophy of Physical Education**
Spring. 3 credits.
Studies of the philosophy of physical education and athletics.
- 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) HPR 824.
Continuation of HPR 824.
- 826. Somatic Foundations of Physical Activity Laboratory**
Spring. 2(1-3) HPR 825 or concurrently.
Laboratory course based on the subject matter of HPR 824 and HPR 825.

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

- 827. Seminar in Health, Physical Education and Recreation**
Winter, Spring, 1(1-0) May reenroll for a maximum of 6 credits in master's program. HPR 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.
- 832. Systems Approach to Program Planning**
Winter, 3(3-0) HPR 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) HPR 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.
- 835. The Application of Psychology to Physical Education and Athletics I**
(814) Fall, 3(3-0).
Sport psychological research findings in the areas of motivation, feedback, reinforcement, expectations and modeling.
- 836. The Application of Psychology to Physical Education and Athletics II**
Winter, 3(3-0)
Social psychology of sport. Research findings in the areas of aggression, attitude development and personality. Moral development and sports socialization.
- 837. Biomechanical Analysis of Physical Activity I**
Winter, 3(2-2) Approval of department.
Study of mechanical and anatomical characteristics of physical skills through the use of such investigative and research tools as visual observation, still photography, stroboscopic photography and high speed cinematography.
- 838. Biomechanical Analysis of Physical Activity II**
Spring, 3(2-2) HPR 837 or approval of department.
Study of mechanical and anatomical characteristics of physical skills through the use of such investigative and research tools as electromyography, electrogoniometry, force recording devices and multiple instrumentation systems.
- 840. Physical Education and Recreation for the Physically Handicapped**
Spring, 3(2-3) HPR 251, HPR 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) HPR 809, HPR 832, HPR 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 reenroll 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 reenroll 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 reenroll for a maximum of 9 credits except in combination with HPR 879. Students receiving credit in HPR 879 are limited to combined total of 6 credits in HPR 884 and HPR 885. Approval of department.
Supervised laboratory experience for master's candidates.
- 885. Directed Field Experience**
Fall, Winter, Spring, 3 to 9 credits. May reenroll for a maximum of 9 credits except in combination with HPR 879. Students receiving credit in HPR 879 are limited to a combined total of 6 credits in HPR 884 and HPR 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 reenroll for a maximum of 6 credits. Approval of department.
Satisfies departmental required option. Proposal must be reviewed by faculty Review Board.
- 899. Master's Thesis Research**
Fall, Winter, Spring, Summer, 1 to 9 credits. May reenroll for a maximum of 9 credits. HPR 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. Doctoral Dissertation Research**
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

HEBREW

See Linguistics and Oriental and African Languages.

HISTORY

HST

College of Arts and Letters

- 111. The Roots of European History (A)**
Fall, Winter, Spring, Summer, 4(3-1)
The ancient world and early medieval Europe: origins and development of civilization in the ancient Near East; Greek and Roman civilizations; the collapse of Rome; the early Middle Ages.
- 112. Maturing of European Civilization (A)**
Fall, Winter, Spring, Summer, 4(3-1)
Europe from the twelfth to the eighteenth century; religion, science, statecraft, and society in their medieval synthesis, early modern expansion and renewal, and self-modernization in the Enlightenment.