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)  
RUS 835 or approval of department.  
Trends and styles in 19th century Russian poetry up to 1890. Emphasis on major poetry by Pushkin, Lermontov, Turgenev, Fei, Nekrasov, and Solovyev.

837. Twentieth Century Russian Poetry  
Spring of even-numbered years. 3(3-0)  
RUS 836 or approval of department.  
Theory and practice of the Symbolists, Acmeists, Futurists and the Social Realists.

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)  
LING 401.  
Linguistic description of the phonological and morphological structure of Modern Russian, its phonemes and their allophones; morphological classes; morphophonemics.

855. Russian Syntax  
Spring of even-numbered years. 3(3-0)  
RUS 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 case.

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, Pastenak and Sholokhov.

859. Twentieth Century Russian Prose IV  
Spring of odd-numbered year 3(3-0)  
“Sumizdal” works of Russian dissident writers.

860. 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.

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

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.

CREEK  
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, athletics, 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, posture, 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. Pose, 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.

112. 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 445.  
Physical education basic skills, methods and materials as competencies for future teaching. Skills and materials are covered for the following activities: swimming, diving, and 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  
Physical education basic skills, methods and materials as competencies for future teaching. Skills, methods and materials are covered for the following activities: basketball, tennis, swimming II and folk, social and square dance.
HEALTH, PHYSICAL EDUCATION AND RECREATION - Descriptions of Courses

144. Methods and Materials of Physical Education  
  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: gymnastics, team handball and lifescaping.

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.  
  Immediate, chronic, and residual effects of physical activity on society through poverty, health, and disease.  
  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, skin diving, snowshoeing.

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.  
  Use of 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) 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 are presented.  
  Exercise prescription is emphasized.

246. Functional Analysis of Physical Activity II  
  Fall. 2(1-3) PSL 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 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; 1 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 physical skills.  
  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, Spring 4(4-0) Sophomores.  
  Development and conduct of special recreation events in community and youth organization programs, including civic, school, and youth centers, agency operation, adult and senior citizen activities.

306. Athletic Training  
  Fall, Spring 3(2-3) HPR 246; HPR 252 or concurrently.  
  Principles governing conditioning of men for various sports; different types of men; hygienic rules, study of weight sheets, massage; prevention of stasis, 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)  
  Knowledge 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. 3(3-1-9) 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 kinesiological principles in golf, soccer and tennis.
Competitions, techniques of various events and athletics. Administration and handling of officiating.

349. Baseball Coaching
(410) Fall, 3(2-3) Majors, minors or approval of department.
Fundamentals and properly methods of fielding the positions; 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 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, technique and conducting calisthenics programs. Emphasis on building stunt routines and safety measures in gymnastics. 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.

356. 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.

357. 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.

358. 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.

359. 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.

360. 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; curriculum and area 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.

373. Advanced Modern Dance
Fall. 2(0-6) HPR 211.
Development of the technical ability and understanding of dynamics and energy in movement, with a strong emphasis on body alignment, efficiency of movement, control and endurance.

376. 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.

377. 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.

378. 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.

390. 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.

391. Organization and Administration of Community Recreation
Winter. Spring. 3(3-0) HPR 370; HPR 422.

392. 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.

393. 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.

394. 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.

395. 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.

396. Advanced Athletic Training
Spring. 3(2-3) HPR 386.
Organization and administration of athletic training programs including injury prevention, management and rehabilitation. Special problems in training and game equipment and facilities are reviewed.

397. 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 252; HPR A1.
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(4-1) ED 416A
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) ED 425
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 be taken 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 442; HPR 441 or concurrently; HPR 441 or concurrently.
Philosophical positions, method, and function applied to professional practice in the field of physical education.

426. 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
276A. 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 143, 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, outdoor 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 legal 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(3-2) HPR 260 and HPR 261, or HPR 440; HPR 310; ED 327 or ED 321A (3-3) 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; HPR 441 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. 1(0-3) HPR 331 or concurrently; HPR 342 or HPR 442; HPR 441; HPR 442.
Provides a laboratory experience in teaching fundamental motor skills to children of early childhood, elementary and middle school age. Emphasis is placed on the sequential order of skill progressions.

491. Cadet Teaching—Remedial Motor
Fall, Winter, Spring. 1(0-3) HPR 331 or concurrently; HPR 342 or HPR 442; HPR 441; HPR 442.
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 previous experiences to a professional recreation setting through an extended period of placement. Incorportating leadership, planning, organization, and evaluation of programs within the professional recreation setting.

802. Current Problems in Health Education
Spring of even-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. 3(3-0) 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 role of women, 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. 3(3-0)

809. Orientation to Physical Education and Recreation for the Handicapped
Fall. 1(0-3) 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 405. 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 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(0-0)  
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(0-0) 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(0-0)  
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) HPR 452; ED 424A, ED 424B.  
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. **Laboratory Orientation**  
*Fall.* 1(0-3)  
Laboratory techniques with emphasis on the use of laboratory instruments.

821. **Supervision of Physical Education**  
*Winter.* 3(0-0) Approval of department.  
Techniques of supervision and their application in improving the teacher-pupil learning situations. Problems faced by supervisors in elementary and secondary schools with class participation in solving them.

822. **Systems Approach to Program Planning**  
*Winter.* 3(0-0) HPR 809 or approval of department.  
Principles and practices related to systems approach in program planning. Systems applied to design of physical education and recreation programs for handicapped.

823. **Evaluation of Systems Designed Programs**  
*Spring.* 3(0-0) 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.

824. **The Application of Psychology to Physical Education and Athletics I**  
*Fall.* 3(3-0)  
Sport psychological research findings in the areas of motivation, feedback, reinforcement, expectations and modeling.

825. **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.

826. **Biomechanical Analysis of Physical Activity I**  
*Winter.* 2(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, stereoscopic photography and high speed cinematography.

827. **Biomechanical Analysis of Physical Activity II**  
*Spring.* 2(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.

828. **Physical Education and Recreation for the Physically Handicapped**  
*Winter.* 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, aural and low level physical fitness conditions.

830. **Motor Skill Learning**  
*Winter.* 3(0-0)  
Research and theory of learning and performance applied to gross motor skills. Emphasis on the neuromuscular and cybernetic bases of motor skill acquisition.

831. **Systems Approach to Program Planning**  
*Winter.* 3(0-0) HPR 809 or approval of department.  
Principles and practices related to systems approach in program planning. Systems applied to design of physical education and recreation programs for handicapped.

832. **Evaluation of Systems Designed Programs**  
*Spring.* 3(0-0) 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.

833. **Lab Activities**  
*Fall.* 3(0-0) HPR 834 or approval of department.

834. **Directed Laboratory Experience**  
*Fall.* 2(2-2) HPR 834 or approval of department.  
Supervised laboratory experience for master's candidates.

835. **Supervised Field Experience**  
*Fall.* 2(2-2) HPR 834 or approval of department.  
Supervised field experience in schools and other institutions for master's candidates.

836. **Directed Field Experience**  
*Fall.* 2(2-2) HPR 834 or approval of department.  
Supervised field experience in schools and other institutions for master's candidates.
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>111</td>
<td>The Roots of European History (A)</td>
<td>4(3-1)</td>
<td>Fall, Winter, Spring</td>
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<td>112</td>
<td>Maturing of European Civilization (A)</td>
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<td>113</td>
<td>Europe in the Modern Age (A)</td>
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<td>121</td>
<td>Union to Dissunion: America, the First Hundred Years (A)</td>
<td>4(3-0)</td>
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<td>122</td>
<td>History of the United States: The Nation State (A)</td>
<td>4(4-0)</td>
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<td>123</td>
<td>American Biography</td>
<td>4(4-0)</td>
<td>Winter,</td>
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<td>133</td>
<td>The United States in World Affairs</td>
<td>3(3-0)</td>
<td>Winter,</td>
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<td>140</td>
<td>Introduction to the History of Japan</td>
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<td>151</td>
<td>Introduction to the Study of History</td>
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<td>Fall, Winter, Spring</td>
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<td>181</td>
<td>Economic and Business History</td>
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<td>231</td>
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<td>245B</td>
<td>American History for Secondary Teachers: Origins of Modern America, 1848-1914</td>
<td>4(4-0)</td>
<td>Winter, Approval of department</td>
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<td>245C</td>
<td>American History for Secondary Teachers: The United States as World Power, 1914 to Present</td>
<td>4(4-0)</td>
<td>Spring, Approval of department</td>
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<td>249</td>
<td>American Urban History</td>
<td>4(3-0)</td>
<td>Fall,</td>
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<td>250</td>
<td>History of the Natural Sciences Since 1500</td>
<td>4(4-0)</td>
<td>Winter,</td>
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<td>252</td>
<td>The African Experience</td>
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<td>254</td>
<td>Immigration, Assimilation and Pluralism</td>
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<td>Interdepartmental with and administered by James Madison College</td>
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<td>History of the United States Constitutional History</td>
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<td>256</td>
<td>United States Constitutional History</td>
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<td>257</td>
<td>History of American Foreign Policy</td>
<td>4(4-0)</td>
<td>Fall,</td>
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**HISTORY - Descriptions of Courses**

**College of Arts and Letters**

**HST**

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 civilization; 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.

113. Europe in the Modern Age (A)
- Fall, Winter, Spring, Summer 4(3-1)
- From the French Revolution to the present: industrial and democratic revolutions; nationalism, liberalism, and socialism; the rise of mass society; imperialism, war and communities; totalitarianism; the warning of European supremacy.

121. Union to Dissunion: America, The First Hundred Years (A)
- Fall, Winter, Spring, Summer 4(3-0)
- Inquiry into the major problems confronting the new nation and their consequences for American development: establishment of republican government, economic growth, westward expansion, reform movements, slavery, Civil War.

122. History of the United States: The Nation State (A)
- Fall, Winter, Spring, Summer 4(4-0)
- Nature of American history since 1877. Through a combination of readings, lectures and discussions, the student derives some understanding of both facts and meaning of history, and methodology of the historian.

123. American Biography
- Winter 4(4-0)
- Lives of interesting individuals who have helped shape the course of American history along with discussion of the nature, method, problems and impact of the biographical approach to history.

124. Economic and Business History
- Fall, Winter, Spring 3(3-0)
- Survey of major changes in the American economy since the middle of the 19th century, including transportation, industry, labor, finance and marketing. Role of private business and government in economic change.

245B. American History for Secondary Teachers: Origins of Modern America, 1848-1914
- Winter 4(4-0)
- Approval of department.
- Broad outlines of American history. Course will help students develop intellectual and technical skills conducive to effective high school teaching.

245C. American History for Secondary Teachers: The United States as World Power, 1914 to Present
- Spring 4(4-0)
- Approval of department.
- Broad outlines of American history. Course will help students develop intellectual and technical skills conducive to effective high school teaching.

249. American Urban History
- Fall 4(3-0)
- Interdepartmental with and administered by James Madison College.
- The evolution of cities, from the Industrial Revolution. Particular stress will be placed upon the processes of urbanization, and upon the social, economic, and political aspects of American urban history.