Many departments will be requiring special methods courses which may also be offered during the professional block semester. A special methods course does not replace ECI 430 for certification purposes.

In addition, a liberal studies requirement of 45 hours must be met by students in education.

ADMISSION TO TEACHER EDUCATION: Please refer to the statement under Admission to Schools, Colleges and Departments on page 00.

HEALTH, PHYSICAL EDUCATION, AND RECREATION


Objectives

The major purposes of the Health, Physical Education and Recreation programs are to provide for the preparation of skilled health teachers, of physical education teachers, of recreation leaders, and of coaches; to provide a meaningful instructional program, both curricular, cocurricular, and extracurricular, in health, physical education and recreation for students; to provide professional leadership for the intramural and recreational activities of the students.

University students may complete two hours of credit in physical education as part of their liberal studies requirement. Normally this credit is taken in the freshman and sophomore year through participation in an elective program of sport activities, dance, fitness and exercise classes.

Bachelor of Science in Education

Major and minor students will be required to take as many activity classes as necessary to develop proficiencies in team sports, individual and dual sports, swimming and dance. The selection of these activity courses is based upon proficiency and counseling with the physical education advisor.

MAJOR IN PHYSICAL EDUCATION: The major in Physical Education includes 10 to 11 credits in professional activity courses: HPR 200, 210, 229, 334, 336, 342, 379, and 470. Additional course work under the direction of an advisor to comprise 35 hours are needed. Major course work of 35 hours, 45 hours of liberal study courses, 24 hours of professional courses including HPR 430 (see page 128), a minor of 20 hours, and electives to total 125 hours are required for graduation.

EXTENDED HEALTH EDUCATION TEACHING MAJOR: Required courses include HPR 200, 229, 230, 304, 366, 431, 490. The student should select either HPR 364 or 410. Interdisciplinary courses which are required include: SOC 151 and BIO 235. Two courses are to be selected from HE 156, 280, 384, one course is to be selected from PSY 151, 350, 327, 335, and one course from SOC 153, 310, 342. An additional 11—12 hours are to be selected from major elective courses. Major course work of 53 hours, 45 hours of liberal study courses, 24 hours of professional education courses, and electives to total 125 hours are needed for graduation.

MAJOR IN HEALTH EDUCATION: Required courses include HPR 200, 229, 230, 304, 366, 431, 490. The student should select either HPR 364 or 410. Interdisciplinary required courses include SOC 151, BIO 235, one course selected from PSY 151, 327, 335, one course selected from SOC 153, 303, 310, 342, and an additional seven hours from a recommended elective major list. Major course work of 42 hours, 45 hours of liberal study courses, 24 hours of professional education courses, a minor of 20 hours, and electives to total 125 hours are needed for graduation.
Bachelor of Science or Bachelor of Arts

EXTENDED MAJOR IN RECREATIONAL LEADERSHIP: Recreational Leadership majors are required to take HPR 220, 229, 250, 320, 326, 331, 352, 373, 380, 381, 448. Also included should be nine hours in two areas of dance, aquatics, sports or outdoor recreation and four hours of activity courses. Electives are required in interdisciplinary areas with selection of courses based upon counseling with the recreation advisor. Completion of the degree requires an extended major of 56 hours, 42 hours of liberal studies, possibly a minor of 20 hours, and electives to total 125 hours.

MAJOR IN RECREATIONAL LEADERSHIP: Recreational Leadership majors are required to take HPR 220, 229, 250, 320, 326, 331, 352, 373, 380, 381, 448. Also included should be nine hours in two areas of dance, aquatics, sports, or outdoor recreation. Completion of the degree requires a major of 36 hours, 42 hours of liberal studies, a minor of 20 hours and electives to total 125 hours.

Minor Programs

MINOR IN PHYSICAL EDUCATION: The minor in Physical Education includes six to seven credits in professional activity courses, HPR 200, 210, 229, 360, and 379. Additional course work under the direction of an advisor to comprise a total of at least 21 hours is needed.

CONTENT EMPHASIS (ELEMENTARY AND EARLY CHILDHOOD EDUCATION MAJORS) IN PHYSICAL EDUCATION: Elementary education and early childhood education majors are required to take HPR 210, 229, 320, 360, and to select four hours of activity courses. A minimum of 16 hours is required.

MINOR IN ATHLETIC TRAINING: Required courses include HPR 229, 334, 336, 348, 362, and 431. Interdisciplinary courses include HE 156 and either EPS 325 or PSY 350. HPR 548 or 408 or DH 300 may be chosen for elective credit. For those pursuing certification by N.A.T.A., the following courses are required: HPR 408 and HPR 548. A minimum of 24 credit hours is required for a minor.

MINOR IN ATHLETIC COACHING: Required courses include HPR 310, 321, 336, 348 and two or more courses for HPR 400—444. Four hours in elective coaching minor activity classes should be chosen from HPR 102, 122, 142, 147, 149, 151, 152, 154, 160, 161, 162. Elective hours in coaching minor theory classes should be chosen from HPR 334, 340, 341, 344, 360, 375, 408, and 540 to complete a minimum of 24 hours.

CONTENT EMPHASIS (ELEMENTARY EDUCATION MAJORS) IN HEALTH EDUCATION: This emphasis area is composed of HPR 229, 304, 364, 366, 490; 200 or 230 or 431. A minimum of 15—16 hours is required.

MINOR IN HEALTH EDUCATION: The minor program in Health Education includes HPR 229, 304, 366, 431, 490. In addition, eight to nine hours from HE 156; HE 185; HPR 230, 364, 410, are required. A minimum of 21—22 hours is required.

CONTENT EMPHASIS (ELEMENTARY EDUCATION MAJORS) IN DANCE: Required courses include HPR 374 and three credits selected from HPR 110, 111, 112 or 114. Nine elective credits are to be selected from HPR 115, 285, 334, 346, or recommended Music and Speech and Theatre courses. Content emphasis is 15 hours.

MINOR (SECONDARY EDUCATION MAJORS) IN DANCE: Required courses include HPR 374; MUS 100 and three credits selected from HPR 110, 111, 112 or 114. Twelve elective credits are to be selected from HPR 115, 116, 285, 334, 346, or recommended Music and Speech and Theater courses. A minor is 21 hours.

MINOR IN RECREATIONAL LEADERSHIP: The minor program includes HPR 220, 326, 352, 380, 448; one of HPR 372, 374, 375; and HPR 331 or 250 or 381. Students will be required to take six hours of work in activity and elective course work with an advisor's approval. The minor requires a minimum of 24 hours.
MINOR IN DANCE: Required courses include HPR 115, 285, 334, 346; MUS 100; SC 130 and three credits selected from HPR 110, 111, 112 or 114. Six elective credits are to be chosen from HPR 116, 346, 374; or recommended Music and Speech and Theater courses. The minor is 23 hours.

DRIVER EDUCATION CKRTIKICATION ENDORSEMENT: Endorsement on a certificate is available through completion of HPR 364 or 562 and HPR 546 for a total of six hours.

K 12 CKRTIKICATION ENDORSEMENT: A student majoring in Physical Education who desires state certification (K-12) will need to complete a minimum of 40 semester hours in the field including HPR 320 and 370.

PSYCHOLOGY


Objectives

The major purpose of the psychology curriculum is to develop within the student an understanding and appreciation of the lawfulness of behavior. To this end the Psychology IVpartment offers training programs for the undergraduate student who plans to enter business, community agency work, or other professional areas and who desires a scientific understanding of human behavior; and, the graduate student who needs a basis of scientific psychology for the pursuit of graduate professional programs.

Bachelor of Arts

The major requires 36 hours of work in psychology, which must include PSY 151, 201, and 301. In addition to the major, 42 hours of liberal studies, a minor of 18 hours, and 29 hours of electives are required. A two-year college level proficiency in a language other than English is also required.

Bachelor of Science

PSYCHOLOGY MAJOR: This requires 36 hours of psychology, including PSY 151, 201, 301. and an 18-hour minor, 42 hours of liberal studies, and 29 hours of electives.

PSYCHOLOGY EXTENDED MAJOR: Fifty three semester hours in psychology and related areas are required in a coherent program designed to meet the needs of an individual student. The program includes the requirements listed under the major program above, with the exception of the minor field requirement.

Minor Programs

MINOR IN PSYCHOLOGY: 13 hours of psychology including PSY 151 or its equivalent is required.

CONTENT EMPHASIS (FOR EDUCATION MAJORS) IN PSYCHOLOGY: 15 hours of psychology including PSY 151 or its equivalent are required.
HON 110 The Literary Tradition: Selected Topics in Literature (3). A selection of works central to the shaping of man's expressive language and his literary tradition, studied through discussion and extensive writing assignments.

HON 111 The Literary Tradition: Imaginative Writing (3). Study and practice in imaginative writing aimed at increasing control and understanding of style, form, and rhetorical technique; for the student whose writing demonstrates a command of basic grammar, mechanics, usage, and organization.

HON 120 The Historical Tradition: Western Civilization (3). A topical approach to Western Civilization through reading, discussion and written presentation to form an acquaintance with the most important political, economic, cultural and social problems of Western Civilization.

HON 121 The Historical Tradition: American (3). A topical approach toward American history: themes and periods that have particular meaning to the present day.

HON 130 The Behavior of Man: Psychological Approach (3). Seminar of specific topics examining recent research, theories and methods in psychology in relation to other disciplines.

HON 131 The Behavior of Man: Anthropological Approach (3). Core issues in Anthropology: focus on the nature of man biologically and socio-culturally.

HON 300 Modern Political Economic Problems: Political (3). An introduction to and survey of the major national political institutions in America by means of an examination of selected contemporary political issues.

HON 301 Modern Political Economic Problems: Economic (3). Discussion, analysis and interpretation of economic issues currently significant in the United States: examination, where pertinent, of these issues as world problems.

HON 310 Man and His Scientific World (3). Sharply selected topics in the sciences with either immediate societal impact or high intellectual excitement; emphasis in Chemistry, Geology or Physics.

**Upper Division Honors Requirements**

HON 390 Directed Readings (1-3). Individual directed study within the student's major, with topic and reading approved by the instructor. Written description of the proposed study must be submitted to the Director of the Honors Program. **Prerequisites:** Admission to the Honors Program.

HON 450 Honors Seminar (3). An interdisciplinary consideration of the relationship between man and his social and physical environments; substantive problems investigated to illuminate connecting concerns of various academic disciplines. **Prerequisites:** Admission to the Honors Program and HON 390 or 485.

*NOTE: All Honors directed and independent study are graded.*

**HPR: HEALTH, PHYSICAL EDUCATION, AND RECREATION**

**Activity Courses**

Physical education courses numbered HPR 110-162 are intended primarily for major students. Each class includes the development of basic fundamentals, knowledge, demonstration, and teaching skills.

### Aquatics:

HPR 100 Swimming (Beginning) (1).

HPR 102 Swimming (Intermediate and advanced) (1).

HPR 103 Life Saving (1).

HPR 104 Water Safety (1).

### Dance:

HPR 110 Folk Dance (1).

HPR 112 Modern Dance (Intermediate) (1).

HPR 114 Square and Social Dance (1).
HPR 115 Beginning Ballet (2).
HPR 116 Intermediate Ballet (2).

Gymnastics:
HPR 120 Tumbling and Free Exercise (1).
HPR 122 Apparatus (1).
HPR 124 Gymnastics (1).

Recreational Sports:
HPR 130 Indoor and Outdoor Games (1).
HPR 132 Skiing (1). Fee: $70.00

Individual and Dual Sports:
HPR 140 Archery (1).
HPR 142 Badminton (1).
HPR 144 Bowling (1). Fee: $15.00
HPR 145 Fencing (1).
HPR 147 Golf (1).
HPR 149 Tennis (1).
HPR 151 Track and Field (1).
HPR 152 Wrestling (1).
HPR 154 Weight Training and Physical Conditioning (1).
HPR 156 Horsemanship (1). Fee: $50.00.

Team Sports:
HPR 160 Basketball (1).
HPR 161 Field Hockey and Softball (1).
HPR 162 Soccer and Volleyball (1).

Liberal Studies Courses
HPR 171 Physical Education (1). A variety of activities for student selection including archery, badminton, ballet, basketball, bowling, fencing, figure control, folk dance, golf, gymnastics, handball, horsemanship, ice skating, modern dance, paddleball, skiing, Softball, square dance, squash, swimming, tap dance, track and field, tumbling, volleyball, weight training-physical conditioning, and wrestling. Liberal studies credit. May be repeated for credit.

Theory Courses
HPR 200 Health Principles (3). Physical, mental, and social health as it relates to the individual.
HPR 202 Orientation to Health Education (1). Organization structure of school health programs, health services, healthful school living, interrelationships with community health agencies.
HPR 210 Orientation to Physical Education (2-3). Aims, objectives and factors influencing the development and status of physical education.
HPR 220 Orientation to Recreation (1). Philosophy, scope and basic values of recreation; its organization and relation to other social institutions.
HPR 229 First Aid (2-3). Procedures and techniques in first aid leading to the acquisition of American Red Cross Standard and Advanced Certificates; techniques and materials of instructor training and certification.
HPR 230 Instructor First Aid (3). Advanced procedures and techniques with related material leading to eligibility for an American Red Cross Instructor training certification. **Prerequisites:** HPR 229 and current Advanced First Aid card.
HPR 250 Camp Crafts (2-3). Acquisition of skills, techniques and ability to teach outdoor arts, crafts, and activities, lab, experience.

HPR 285 Historical Dance (2). Survey of historical dance forms from the primitive to the 20th century.

HPR 304 Scientific Foundations of Health Education (3). The sociological, physiological, and psychological bases underlying personal and social health.

HPR 310 Administration of Interscholastic Athletics (3). Administrative considerations and problems encountered in the organization and supervision of an interscholastic athletic program.

HPR 320 Elementary Games and Activities (3). Fundamental motor skills; development of skills in dance, self-testing activities, games, and recreational activities.

HPR 321 Psychology of Athletics and Coaching (3). Behavioral aspects and problems encountered in the supervision and instruction of sport in general and coaching athletics in particular.

HPR 326 Community Recreation (3). Survey techniques to determine needs of a community; areas, facilities, and personnel needed to carry on an effective program.

HPR 331 Outdoor Recreation (3). Recreational opportunities in the state as well as campfire programs, hiking, trails, and exhibits.

HPR 334 Kinesiology (3). Location and action of the principle muscles of the body as applied to the needs of the student of physical education. Prerequisite: BIO 235.

HPR 336 Physiology of Exercise (3). The physiology of human performance during exercise; concepts of neuromuscular control, strength, endurance, and adaptation to problem stresses.


HPR 342 Field Work in Physical Education and Recreation (1). Leadership experience in working with young people.

HPR 344 Officiating Football and Basketball (2). Techniques of officiating the sports with an intensive study of the rules.

HPR 346 Advanced Dance Technique, Composition and Dance Notation (3). Dance techniques with emphasis on increasing ability to use movement creatively; fundamentals of Labnotation. Prerequisites: HPR 111, 112, 115. May be taken a maximum of six semester hours for credit.

HPR 348 Techniques in Athletic Training (3). Control and care of injuries incurred in athletics.

HPR 352 Leadership in Recreation (3). Principles, techniques and materials for leadership in the organization and administration of recreational programs. Field work required.

HPR 360 Body Mechanics (2). Human motion in everyday life; procedures in control of atypical deviations. Additional lab. experience may be required.

HPR 362 Corrective Physical Education (3). Detection of physical deviations and procedures for improvement of atypical conditions plus activities included in the corrective physical education program.

HPR 364 Principles of Safety Education (3). Selection and organization of curricular materials relative to safety problems in the home, school, recreation, highway and work.

HPR 366 Techniques and Materials for Teaching Health Education (3). Implementation of skills in school health programming and curriculum construction for prospective school health education teachers.

HPR 370 Physical Education for the Elementary School (3). Program in physical education for the elementary school grades.

HPR 372 Techniques and Materials of Teaching Sports (3). Techniques, curriculum materials, and programming of individual, dual, and team sports.

HPR 373 Organization of Intramural Activities (2-3). Organization and conduct of intramural and extramural school programs.

HPR 374 Techniques and Materials for Teaching Dance (3). Fundamentals of teaching dance as a recreational, social, and expressive medium. Prerequisites: HPR 110, 111.
HPR 375 Techniques and Materials of Teaching Aquatics (2-3). Techniques in teaching swimming strokes, diving, synchronized swimming and competitive swimming.

HPR 379 Organization and Administration of Health, Physical Education and Recreation (3). The problems encountered in the organization and supervision of a health, physical education and recreation program.

HPR 380 Camp Leadership (2-3). Leadership, organization, and administration of camps; the place of camping in the school program. Field work required.

HPR 381 Playground Supervision and Leadership (3). Theory and practice in playground supervision and leadership; planning and conducting the program. Lab experience required.


HPR 430 Teaching Methods in Physical Education (2). Methods involving physical education resource materials, unit and lesson planning, classroom management and presentation.

HPR 431 School and Community Health (2-3). Organization, methods, and procedures of school and community health problems.

HPR 440 Coaching Football (2). Discussion and field work covering the coaching techniques of the game.

HPR 441 Coaching Basketball (2).

HPR 442 Coaching Baseball (2).

HPR 443 Coaching Track and Field (2).

HPR 444 Coaching Volleyball (2).

HPR 448 Program Planning for Community Recreation (3). Types of community recreation programs with a study of the principles of general program planning.

HPR 470 Measurement in Physical Education (2). Practical use of tests and measurements in physical education.

HPR 490 Current Health Problems (3). Individual study and seminar relating to program planning, curriculum development, community relations, current trends, and other aspects of the health program.

Graduate Courses

HPR 540 Current Trends in Sports Instruction (3). Current trends and techniques in instruction and in coaching sports; organization of meets, special events, officiating, participation and practice.

HPR 543 Advanced Modern Dance (3). Materials and methods for teaching advanced modern dance.

HPR 546 Organization, Administration and Supervision of Driver Education (3). Training necessary to qualify students to teach driver training in high schools. Fee: $10.00 for the pupil.

HPR 547 Creative Dance (3). Creative expression, techniques and materials in creative dance.

HPR 548 Techniques in Athletic Training (3). Diagnostic techniques, use of modalities, and physician-trainer relationships; awareness of liability laws covering athletic programs.

HPR 562 Safety Education (3). Preparing the specialist in safety education as it applies to school and community.

HPR 574 Problems in the Organization and Administration of Intramurals (3). Organization and administration of the intramural and extramural programs in the high schools and colleges.

HPR 611 History of Physical Education (3). Special emphasis on the philosophical approach to the profession by outstanding physical educators; formulation of personal philosophy of physical education within a historical context.

HPR 614 Physiology of Exercise (3). Physiological effects of exercise upon the various organs and systems of the body; the implications for types of activities to be included in the program at various age levels.
HPR 640 Movement Education in the Elementary School (3). Discussion and investigation of movement activities for elementary school children. The study of suitable activities and activity progression for elementary grades in movement, rhythm and games.

HPR 648 Current Literature and Research in Physical Education (3). Recent literature and research in the area of physical education.

HPR 650 Concepts and Problems in Athletic Coaching (3). Study of the personality, makeup and problems in coaching. The athlete of today. A look at the behavior and motivation of the modern day athlete.

HPR 660 Problems in Content and Methods in Health Education (3). Work and problems of the specialist in health education.

HPR 662 Adaptive and Corrective Physical Education (3). Modified physical education activities adapted to the needs and abilities of the exceptional child; practice in evaluating and prescribing specific exercises for handicaps.

HPR 670 Curriculum in Physical Education (3). Principles and procedures in curriculum development and the place of health and physical education in the modern curriculum.

HPR 673 Problems in the Organization and Administration of Athletics (3). Organization and administration of the interscholastic and intercollegiate competitive activities.

HPR 675 Biomechanics (3). Mechanical principles of force, motion, and equilibrium as they apply to human performance of motor skills.

HPR 676 Advanced Tests and Measurements in Health and Physical Education (3). Tests and measurements in the field; opportunity to select, administer and interpret tests.

HPR 678 Seminar in Motor Skill Learning (3). Neurological basis of motor skills and the theories of motor skill learning relevant to physical education activities.

HPR 679 Problems in Advanced Organization and Administration of Physical Education (3). Organization, administration and supervision of the programs in health, physical education, and recreation in high schools and colleges.

HPR 692 Seminar in Health, Physical Education and Recreation (3). Research techniques applied to specific problems in health, physical education and recreation.

HSC: HEALTH SERVICES

HSC 100 Medical Terminology (3). Emphasis on basic Greek and Latin medically related words; terms used in medicine and medical reports, medical insurance claims and pharmaceuticals.

HSC 111 Introduction to the Allied Health Professions (2). Development and current status of allied health professions; review of the background, training, careers and role of professional health care personnel.

HSC 310 Health Systems of the United States (3). Survey, analysis, development, structure, and function of various approaches to health care delivery systems in the United States; role of federal, state, and local health organizations and institutions; barriers to health care delivery problems.

HSC 315 Legal Aspects of Health Care Services (3). Overview of law as it relates to health care delivery and health services; analysis of current ethical and legal issues and an examination of the legal responsibilities of health professionals; discussion, formulation and application of legal principles to health care delivery questions; legal methods and terminology.

HSC 333 Epidemiology (3). Concepts, methods, research and measurements for analysis of the spread and control of human disease, disorders, and disability; case studies and problem solving of public health and health services problems. Prerequisite: MBI 205.

HSC 410:411 Fundamentals of Health Science (3:3). Concepts on the etiology and prevention of chronic and acute illness, degenerative diseases, and mental health; methodology of analysis, treatment, prevention, health promotion and health education, and the changing patterns and influence of culture and psycho-social phenomena on health, disease, illness, wellness, and holistic health.

HSC 415 Management of Health Systems (3). Concepts on administrative organization and control, institutional planning, patient care evaluation, professional and peer review, records processing, quality assurance, information systems, and personnel management as they relate to health care organizations; alternate approaches for the management of alternate health care facilities and programs. Prerequisite: HSC 310.