L.S. 501 Reference and Bibliography (3)

L.S. 502 Cataloging and Classification (3)
Principles of classifying books in the smaller libraries by means of the Dewey Decimal Classification and a study of library of Congress and Wilson card arrangement in drawing the card catalog and the shelf list.

Educ. 508 Problems of Teaching Literature in the Intermediate and Upper Elementary Grades (3)

Engl. 529 Literature for Adolescents (2)
(See English Department.)

L.S. 600 Administration and Organization of School Libraries (3)
Includes a study of the functions, organization, control, and equipment of the school library; the relation of the librarian to the administration and to the instructional program of the school.

L.S. 601 Principles of Book Selection (3)
A study of the chief aids in selecting books for all types of libraries; a comparison of editions and translations; and a critical consideration of reviews.

L.S. 602 Teaching the Use of the Library (3)
Methods and devices in teaching children from the early grades through high school how to make use of the library.

DIVISION OF ATHLETICS
AND
PHYSICAL EDUCATION

PROFESSORS: Keck (Division Director), Pederson; ASSOCIATE PROFESSORS: Cronk (Academic chairman, Women's Physical Education), Presson. ASSISTANT PROFESSORS: Badorek, Gregg, Oswalt, Watson. INSTRUCTORS: Dejanovich, Doughty, Flitcraft, Gibler, Haberlack, Kauth, MacDonald, Mills, Sauntry.

PURPOSES
The major purposes of the Health, Physical Education and Recreation program are: (1) to provide for the preparation of skilled health teachers, of physical education teachers, of recreation leaders, and of coaches; (2) to provide a meaningful instructional program, both auricular and extra-curricular, in health, physical education and recreation for all students; (3) to provide professional leadership for the athletic and recreational activities of the students.

GENERAL REQUIREMENTS
All students of the university are required to complete two hours of credit in physical education. Normally this requirement is met in the freshman year through participation in a selective program of sports, rhythms, fitness and exercise, and individual self-testing.
On the basis of the required physical examination, the student is classified for regular or restricted activity. Men and women approved for regular activity may meet this requirement by the successful completion of P.E. 171 and 172. Adaptive activity courses are provided for students who have been approved for restrictive activity.

All students enrolled in physical education courses must have regulation costumes. Students are required to pay a general fee of $1.00 per semester which entitles them to towel and locker services. Students supply their own swim suits and caps.

RECREATIONAL ADVANTAGES

The university is located in the heart of a great forest and mountainous recreational area which provides the finest opportunity for hiking, big game hunting, lake and stream fishing, and winter sports.

Just 14 miles from the campus is located the famous Arizona Snow Bowl, with skiing that will challenge the best skiers as well as slopes that are admirably fitted for beginners.

The health and physical education program has a working agreement with the management of the Snow Bowl. Students may enroll in the ski program which is provided during the spring semester. There is a nominal fee attached to this program.

The gymnasiums and pool are open at various times during the week for recreational activities. Intramurals for men and women are held throughout the year in various sports. An extensive inside activity area is available in the new Activity Center.

BACHELOR OF SCIENCE IN EDUCATION

Major: Physical Education (Men)

P.E. 100, 103, 114, 116, 120, 122, 124, 130, 131, 132, 140, 148, 152, 154, 200, 210, 220, 230, 334, 370, 379, 470; Biol. 255; two courses from P.E. 104, 135, 146, 150, 166; two hours of electives.

BACHELOR OF SCIENCE IN EDUCATION

Minor: Physical Education (Men)

P.E. 100, 114, 116, 120, 122, 124, 130, 131, 152, 154, 200, 210, 220, 230, 370, 379.

Field Work and Participation Requirements for Men

All majors and minors must assist in the organization and administration of meets, tournaments and events sponsored by the division to meet the requirements of field work in physical education. Majors and minors must also score above the 60th percentile in a Motor Fitness Test administered by the division during the first year of entrance into the program and again in the semester prior to their student teaching.
To meet the activity participation requirements a major must participate for a period of three years in certain combinations of athletics such as varsity sports or intramurals, or Physical Education Club, etc., as deemed necessary by his adviser. A minor must participate for a period of two years to meet this requirement.

**BACHELOR OF SCIENCE IN EDUCATION**

*Major: Physical Education (Women)*


**BACHELOR OF SCIENCE IN EDUCATION**

*Minor: Physical Education (Women)*


Students will be required to take as many activity classes as necessary to develop proficiencies in team sports (four for majors and three for minors), individual and dual sports (four for majors and three for minors), swimming, and three areas of rhythms (folk, square, modern, social). Such proficiencies must be shown as prerequisites to P.E. 372 and 374. The selection of these activity courses is based upon proficiency tests and counseling with the physical education adviser.

**PHYSICAL EDUCATION MINOR FOR ELEMENTARY MAJORS**

P.E. 200, 210, 230, 240, 370, 381; Select two hours from 100, 101, 110, 111, 116, 117, 178; Select one course from P.E. 352, 360, 364, 374.

**HEALTH EDUCATION**

*Minor*

P.E. 200, 202, 230, 364, 366, 446; five hours from P.E. 304, 408, 435, 490.

**BACHELOR OF SCIENCE**

*Major: Recreational Leadership (Men and Women)*

P.E. *220, 230, *250, 326, 342, 352, 372, 374, 375, 380, 381. Nine to ten hours from related field as: Spch. 112, 115, 329; Art 310, 315; Educ. 302; Mus. 214, 310. Courses recommended: Psy. 150, 335; Soc. 200, 410; P.S. 331; electives: Biol. 112; Geol. 221.

Students will be required to take as many professional activity courses as necessary to develop proficiencies in a minimum of two team sports, two individual and dual sports, two areas of rhythms (folk, square, modern, social). The selection of these activity courses is based upon counseling with the physical education adviser.
Recommended minor fields for recreation majors are Art, Drama, Business Administration, Literature, Music, Psychology, Science and Social Science.

**BACHELOR OF SCIENCE**

*Minor: Recreational Leadership (Men and Women)*

P.E. 220, 326, 352; one of P.E. 372, 374, 375; P.E. 380 or 381; four or five hours in related fields of Art, Drama, English, Music, Journalism, Speech and Industrial Education.

Students will be required to take as many professional activity courses as necessary to develop proficiencies in a minimum of two team sports, two individual and dual sports, two areas of rhythms (folk, modern, social, square). The selection is based upon counseling with the physical education adviser.

*P.E. 220 is a prerequisite for P.E. 326, 352, 381.*

*P.E. 250 is a prerequisite for P.E. 380.*

**DESCRIPTION OF COURSES**

P.E. activity courses are for 1/2 unit credit whether taken as required or elective during regular terms (one credit during summer school). Each class includes development of basic fundamentals, knowledges and demonstration skills.

**Aquatics:**

- P.E. 100 Swimming (beginning)
- P.E. 101 Swimming (intermediate)
- P.E. 102 Swimming (advanced)
- P.E. 103 Life Saving
- P.E. 104 Water Safety

**P.E. 132 Recreational Activities**

- P.E. 133 Fly and Bait Casting
- P.E. 134 Rifle Shooting
- P.E. 135 Skiing (beginning)
- P.E. 136 Skiing (intermediate)

**Dance:**

- P.E. 110 Folk Dance (beginning)
- P.E. 111 Folk Dance (intermediate)
- P.E. 112 Modern Dance (beginning)
- P.E. 113 Modern Dance (intermediate)
- P.E. 114 Social Dance (beginning)
- P.E. 115 Social Dance (intermediate)
- P.E. 116 Square Dance (beginning)
- P.E. 117 Square Dance (intermediate)
- P.E. 118 Social Dance (intermediate)
- P.E. 119 Social Dance (beginning)
- P.E. 120 Tumbling (beginning)
- P.E. 121 Tumbling (advanced)
- P.E. 122 Apparatus (beginning)
- P.E. 123 Apparatus (advanced)
- P.E. 124 Trampoline (beginning)
- P.E. 125 Trampoline (advanced)

**Gymnastics:**

- P.E. 120 Tumbling (beginning)
- P.E. 121 Tumbling (advanced)
- P.E. 122 Apparatus (beginning)
- P.E. 123 Apparatus (advanced)
- P.E. 124 Trampoline (beginning)
- P.E. 125 Trampoline (advanced)

**Team Sports:**

- P.E. 162 Basketball (beginning)
- P.E. 164 Field Hockey (beginning)
- P.E. 166 Softball

**Recreational Sports:**

- P.E. 130 Out of Door Games
- P.E. 131 Indoor Games
- P.E. 167 Soccer (beginning)
- P.E. 169 Volleyball
P.E. 170 Adapted Physical Education
For those who are medically unable to participate in P.E. 171-172.

P.E. 171-172 Freshman Physical Education (Men) (1-1)
Promotes physical courage, agility, and over-all physical fitness in men students through prescribed gymnastics, calisthenics, and games. Provides opportunity to gain proficiency in swimming and water safety for self-preservation.

P.E. 171-172 Freshman Physical Education (Women) (1-1)
Provides fundamental exercises, rhythms, team sports and aquatics. The second semester provides a selective program of dance, aquatics, individual, dual, and team sports.

P.E. 200 Health Principles (2)
Principles and knowledge of physical, mental, and emotional health.

P.E. 202 Orientation to School Health (3)
Organizational structure of school health programs, health services, healthful school living, interrelationships with community health agencies.

P.E. 210 Orientation to Physical Education (3)
Presents the aims, objectives and factors influencing the development and status of physical education.

P.E. 220 Orientation to Recreation (2)
Philosophy, scope and basic values of recreation; its organization and relation to other social institutions.

P.E. 230 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 for instructor training certification are also presented.

P.E. 240 Elementary Games and Activities (3)
Analysis of fundamental motor skills; development of skills in rhythms, self-testing activities, games, and recreational activities.

P.E. 250 Camp Crafts (2)
Acquisition of skills, techniques and ability to teach outdoor arts, crafts, and activities. (Lab. Exp.)

P.E. 273 Organization of Intramural-Extramural Activities (2)
Study of organization and conduct of intramural and extramural school programs.

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

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

P.E. 334 Kinesiology (3)
Stresses the location and action of the principal muscles of the body as applied to the needs of the student of physical education.

P.E. 340 Officiating Fall Sports for Women (2)
Study of rules and officiating procedures in sports as field hockey, soccer, volleyball, basketball. (Lab. Exp.)

P.E. 341 Officiating Spring Sports for Women (2)
Study of rules and officiating procedures in sports as badminton, tennis, softball, track and field. (Lab. Exp.)

P.E. 342 Field Work in Physical Education and Recreation (Cr)
Leadership experience in working with children and young people. (Required of women physical education and recreational leadership majors and minors.)
P.E. 344 Officiating Football and Basketball (3)
Techniques of officiating the sports with an intensive study of the rules.

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

P.E. 360 Body Mechanics (3)
Analysis of human motion in everyday life. Procedures in control of atypical deviations. (Additional laboratory experience may be required.)

P.E. 362 Corrective Physical Education (2)
Detection, procedures in control of atypical deviations, and activities of the adaptive physical education program.

P.E. 364 Principles of Safety Education (2)
Selection and organization of curricular materials relative to safety problems in the home, school, recreation, highway and work.

P.E. 366 Health Education Curriculum in Public Schools (3)
Development of a health instruction program for the public schools. Organization of content, techniques, and curricular materials for health teaching.

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

P.E. 372 Techniques and Materials of Teaching Sports (3)
Study of techniques and curriculum materials, and programming of individual, dual, and team sports.

P.E. 374 Techniques and Materials of Teaching Rhythms (3)
Study of techniques and curriculum materials in teaching folk and square dance, modern dance, children's rhythms, and social dance.

P.E. 375 Techniques and Materials of Teaching Aquatics (3)
Study of techniques in teaching swimming strokes, diving, synchronized swimming, and competitive swimming.

P.E. 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.

P.E. 380 Camp Leadership (2)
Principles, techniques, and methods of leadership, organization, and administration of camps; the place of camping in the school program. (Field work required.)

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

P.E. 408 Trends in Public Health (2)
Development of public health in the United States, emphasizing cooperative programs with public schools.

P.E. 430 School and Community Health (2)
Organization, methods, and procedures of school and community health problems.

P.E. 435 Field Work in School and Community Health (2)
Visitation, observation, and study of local school and community health programs.

P.E. 440 Coaching Football (Men) (2)
Thorough discussion and field work covering the coaching techniques of the game.

P.E. 441 Coaching Basketball (Men) (2)
A course for majors and minors covering the coaching problems of the game.