

**403A. Introduction to Public Health
for Nurses**

Fall, Winter, Spring. 4(4-0) Seniors.

Principles of organization and administration, responsibility and function of public health including epidemiology, environmental health and biostatistics.

403B. Public Health Nursing

Fall, Winter, Spring. 8(4-16) Seniors.

Objectives and responsibilities of public health nursing; basic principles underlying its practice with guided application in selected public health agencies.

404. Survey of Nursing

Fall, Winter, Spring. 4 credits. Seniors.

Development of nursing to present status, current problems and long-term goals. Fields of service open to graduate nurses; nursing organizations, national, state and local, their services and objectives.

406. Senior Nursing

Fall, Winter, Spring. 8(3-20) Senior majors.

A study of basic principles of leadership and their application in the practice of team nursing.

424. Packaging Problems

Fall, Winter, Spring, Summer. 1 to 3 credits. 422 or 423. Approval of school.

Development of solutions to specific packaging problems.

425. Packaging Process Analysis

Fall, Winter, Spring. 4(3-3) 422; CPS 110.

The integrated study of the operation structure and control of the packaging and package-making process. A one-day field trip is required.

428. Packaging Development

Fall, Spring. 4(3-2) 320.

A study of the functions of each area concerned with the development of packages to meet present-day requirements of protection and merchandising.

430. Packaging Machinery

Spring. 4(3-3) 320 or approval of school.

The components for automated packaging lines, and auxiliary materials handling equipment, including consideration of design, selection, specification and operation of machinery for the package-making and package-filling operations.

463. Seminar

Fall. 2(0-4) Must have job experience to enroll.

Detailed report on work performed in fulfillment of practical experience requirements must be submitted.

801. Package Design

Fall. 4(3-3)

Advanced work in the development of the graphic and structural design of packages.

**834. Special Investigations in
Packaging**

Fall, Winter, Spring, Summer. Variable credit.

899. Research

Fall, Winter, Spring, Summer. Variable credit. Approval of school.

Building Construction

B C

200. Dynamics of American Housing

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

Impact of housing on the economic and social welfare of America. Analysis of the residential building industry and its problems in providing adequate housing.

312. Structural Design

Fall. 4(4-0) 200 or approval of department.

Consideration of structural design systems as used in light construction.

412. Housing Utilities Design

Winter. 4(4-0)

Design of and planning for mechanical and electrical utilities in housing.

413. Residential Construction Systems

Spring. 4(3-2) 312 or approval of department.

Analysis of the primary construction systems employed in the residential building industry, especially the economic and social aspects in meeting the housing goals of the U. S.

415. Building Materials

Spring. 4(4-0) 312 or approval of department.

Properties of building materials pertinent to their application and performance in service.

416. Building Costs

Winter. 4(2-4) Approval of department.

Methods of cost estimating. Effects of codes and production practices on costs.

417. Residential Finance

Winter. 4(4-0) Juniors.

Analysis of financial programs for the construction, rehabilitation, remodeling and purchase of homes; especially meeting the nation's goals for low to moderate income housing.

418. Special Topics

(F P 418.) Fall, Winter, Spring, Summer. 1 to 3 credits. Approval of department. Selected topics in housing.

420. Construction Management

(F P 314, B C 314.) Spring. 4(2-2) 416 or approval of department.

Systems management techniques for residential building organizations inclusive of organization development, operations, planning, scheduling and control, and administrative systems and procedures.

**835. Research in Building
Construction**

(F P 835.) Fall, Winter, Spring, Summer. Variable credit. Approval of department.

899. Research

(F P 899.) Fall, Winter, Spring, Summer. Variable credit. Approval of department.

PACKAGING

PKG

**College of Agriculture and
Natural Resources**

210. Principles of Packaging

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

A general course in packaging principles covering the growth and development of the field, and the technological and motivational problems involved in present day packaging. Consideration will be given to the basic functions of the package and their relation to the needs and wants of our society.

320. Packaging Materials

Fall, Winter, Spring. 5(4-4) CEM

132. Detailed study of common packaging materials such as wood, paper, paperboards, plastics, metal foils and sheets, glass, and cushioning media. A one-day field trip required.

**330. Graphics for the Packaging
Industry**

Winter. 4(3-3) 320 or approval of school.

Designing graphics for specific types of printing processes and for various packaging materials. Considerations in ink formulation, identification of the various printing processes used, and the advantages and disadvantages of various reproduction methods as used for packaging.

422. Packaging Systems

Fall, Winter, Spring. 5(4-4) 320 or approval of school.

Design, use and evaluation of packages and packaging systems. A one-day field trip is required.

423. Dynamics of Packaging

Winter, Spring. 5(4-3) 422, MTH 215, or approval of department.

A study of the protective function of the packaging systems in relation to their environment and shock and vibration isolation methods. A one-day field trip is required.

**PARK AND RECREATION
RESOURCES***

PRR

**College of Agriculture and
Natural Resources**

200. Resource Ecology and Man

For course description, see Interdisciplinary Courses.

**344. Leisure and Recreation
Resources**

(R D 344.) Fall. 3(3-0)

Leisure in relation to park and recreation resources. History and philosophy, significance in modern society, and impact on urban and natural resource developments.

**440. Park and Recreation
Administration**

(R D 440.) Fall. 4(4-0)

Park and recreation organization, administration and policy at municipal, county, and regional level. Field trip required.

**442. State and Federal Recreation
Resource Policy**

(R D 442.) Winter. 3(3-0)

Origin, development and significance of public policy in recreation resource development in the United States with emphasis at state and federal levels. Field trip required.

444. Park and Recreation Area Design

(R D 444.) Fall. 4(2-4) Approval of department.

Planning and design principles of space, scale,

*Established January 1, 1969. Formerly a part of the Department of Resource Development.