A study of recent developments in research in human nutrition.

Critical analysis of recent developments in preparation, prefabrication and preservation of foods.

Critical analysis of methods used in assessing nutritional problems of current interest.

Critical analysis of methods used in assessing human nutrition status; evaluation of nutritional problems of current interest.

Recent Advances in Foods

Nutritional requirements and food supplies of people.

Laboratory safety. Management of laboratory personnel. Independence and restraint to demonstrate understanding of research techniques and attitudes, and an awareness of significant problems in the field.

Seminar in Foods and Nutrition

Nutritional requirements and food supplies of people.

Critical analysis of methods used in assessing human nutrition status; evaluation of nutritional problems of current interest.

Diet Therapy

Dietary modifications necessary in pathologic conditions, including dietary treatment of diabetes, gout, nephritis, and gastrointestinal disorders.

Experimental Foods III

Planning, executing, and reporting individual research projects. Data collection, evaluation and interpretation to demonstrate understanding of research techniques and attitudes, and an awareness of significant problems in the field.

Special Studies in Nutrition

Nutritional requirements and food supplies of people.

Special Studies in Experimental Foods

Nutritional requirements and food supplies of people.

Applied Human Nutrition

Nutritional requirements and food supplies of people.

FOREIGN LANGUAGES

See German and Russian, Linguistics and Oriented and African Languages, and Romance Languages.

FORESTRY

College of Agriculture and Natural Resources

For course description, see Interdisciplinary Courses.

Introduction to Forestry

Forestry in its broadest sense, including: historic development, forest growth, protection and management, products, national and world economy and policy. Emphasis on multiple use concepts. One-day field trip required.

Dendrology

Nomenclature, classification, and identification of important trees, shrubs, and herbaceous plants of forest and field.

Plants and Their Environment

Fundamental ecological relationships between various climatic, edaphic and biotic environmental factors of the ecosystem and plant response, including structure, function and evaluation of species.

Forest Biometrics

Fundamental ecological relationships between various climatic, edaphic and biotic environmental factors of the ecosystem and plant response, including structure, function and evaluation of species.

Forest Range and Valuation

Critical analysis of methods used in assessing forest management on forests; the growth and development of woody plants, and consideration of the influence of genetic and environmental factors on growth processes in trees.

Tree Physiology

The fundamental principles of plant physiology with particular reference to the growth and development of woody plants, and consideration of the influence of genetic and environmental factors on growth processes in trees.

Woodland Forestry

Woodland Forestry

Woodland Forestry

Lumber Processing


Fiber and Laminated Wood Processing


Range Management

Development of range industry; grazing regions and range management practices on the range; effects of silvicultural and forest management practices on the range. Two-day field trip required.

Field Studies in Forestry

Intensive study of multiple use forest resource management in various forest regions. Three-week field trip required.
450. Natural Resource Administration
Fall, Winter. 4(4-0) Interdepartmental with the Fisheries and Wildlife, Park and Recreation Resources, and Resource Development Department.
Concepts and methods of economics and administration and application of techniques to management of wildlands.

454. World Forestry
Winter. 4(3-0)
Forest resources, forestry practices, and the forest economy throughout the world.

455. Harvesting Forest Products
(421) Winter. 3(2-2) 450.
Planning, organizing, and controlling the utilization of timber resources, including cost control in timber harvesting systems.

456. Forest Resource Policy
Spring. 3(3-0) 455 or approval of department.
Evolution and development of public and private forest resource policy in the United States.

457. Forest Resource Planning
Spring. 4(2-2) 455.
Integrative planning for multiple-use forest resource management.

460. Arboriculture
(360) Spring. 3(2-3) Approval of department.
Principles and techniques of species selection, establishment, and cultural practices used in the care and maintenance of shade and ornamental trees. Two-day field trip required.

465. Forest and Wood Science Problems
Fall, Winter, Spring, Summer. 1 to 5 credits. Seniors only with a 2.50 average, or approval of department.
Special problems course for students qualified for advanced study in some phase of forestry or wood science.

806. Forest Research Methods
Fall. 3(3-0)
Procedures in systematic and objective investigation of natural phenomena; methods of critical and exhaustive experimentation aimed at discovering new facts, theories, or laws.

807. Special Problems
Fall, Winter, Spring, Summer. 2 to 5 credits. May re-enroll for credit with a maximum of 10 credits for the master's degree.
Advanced work in any of the following specialties: forest biometrics; forest photogrammetry; dendrology; silviculture; forest management; forest economics; forest influences; forest ecology; forest genetics; arboriculture; forest hydrology; forest soils; forest recreation; tree physiology; forest policy; forest products harvesting; wood chemistry; wood preservation; timber mechanics; wood conversion.

809. Natural Resources Economics
Winter. 3(3-0) Approval of department.
Interdepartmental with the Resource Development Department.
Applications of economic analysis to natural resource problems.

828. Seminar
Fall, Winter, Spring. 1 to 3 credits. May re-enroll for a maximum of 12 credits if a different topic is taken.
Critical study and discussion of advanced forestry topics including natural resource economics, forest biology, and natural resource program budgeting.