



University of the Philippines
LOS BAÑOS



College of Human Ecology

COLLEGE OF HUMAN ECOLOGY

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OBJECTIVES

The College aims to:

1. Provide an ecologically oriented unit in UPLB which focuses on identification of enabling mechanisms for the fulfillment of basic human needs, resource planning utilization and management, and delivery of social services at the family and community levels; and
2. Develop programs for research, training, and community service towards a desirable quality of life.

UNDERGRADUATE PROGRAMS

Bachelor of Science in Human Ecology

The program aims to produce professionals who can contribute to the improvement of human welfare. Specifically, the student is trained to understand human development in relation to the biophysical and social environments; to have the necessary skills and competencies to participate in development programs as well as teaching and

research on human-environment interaction; and to internalize and apply the ecological perspective to society's problems.

The program has three major options:

(a) Human and Family Development - focuses on the development of the individuals and families as they transact, relate and adapt to the environment over the lifespan.

(b) Human Settlements Planning - focuses on design and implementation of plans which will ensure the long-term sustainability of community and environmental resources while providing optimum development benefits to rural and urban communities.

[Graduates can partake the licensure examination in Environmental Planning (EnP, RA 10587)]

(c) Social Technology - focuses on the various social development services and is concerned with the tools and techniques of effecting self-propelling communities and sustainable development.

Bachelor of Science in Nutrition

This program aims to produce professionals competent in providing nutritional services to people. Specifically, the student will be trained to: (a) manage community nutrition programs; (b) assist in planning and evaluation of food and nutrition programs at macrolevels; (c) operate food service in institutions and communities; (d) plan and prepare therapeutic diets; (e) train nutrition workers, and (f) conduct research in nutrition and related fields.

[Graduates can take the Nutritionist-Dietitian licensure examination (RND, RA 10862)]

BACHELOR OF SCIENCE IN HUMAN ECOLOGY**

Special UPLB UC 21 May 2018; Executive Vice President's Approval (by authority of the UP President) 22 April 2019

<i>First Semester</i>	<i>Units</i>	<i>Second Semester</i>	<i>Units</i>
<i>FIRST YEAR</i>			
GE 1 (Core): HIST/KAS 1, Philippine History	3	GE 3 (Core): ARTS 1, Critical Perspectives in the Arts	3
GE 2 (Core): ETHICS 1, Ethics and Moral Reasoning	3	Core: HUME 112, Sustainability Science	3
Core: HFDS 101, Family and the Environment	3	Core: HUME 107, Principles of Human Development	3
Core: HUME 100, Introduction to Human Ecology	3	Core: HUME 105, Humans and Their Environment	3
Core: CERP 101, Fundamentals of Human Settlements	3	Foundation: SOC 140, Introduction to Demography	3
Core: SDS 101, Introduction to Social Development	3	Foundation: BIO 150, Principles of Ecology	4
HK 11, Concepts in Wellness and Basic Injury Management	(2)	HK 12 or 13, Human Kinetics Activities	(2)
	18	NSTP 1, National Service Training Program 1	(3)
			19
<i>SECOND YEAR</i>			
GE 4 (UPLB): PI 10, Life and Works of Rizal	3	GE 7 (Core): STS 1, Science, Technology, and Society	3
GE 5 (Elective)	3	GE 8 (Elective)	3
GE 6 (Elective)	3	Foundation: STAT 166, Statistics for Social Sciences	3
Core: HUME 110, Ecology and Value Systems	3	Core: HUME 114, Material and Energy Flows	3
Core: HUME 111, Human Ecological Perspectives in Development	3	Core: CERP 161, Planning, Theory and Practice I	3
Core: HUME 113, Community Study in Human Welfare	3	Core: HUME 115, Social Policies	3
HK 12 or 13, Human Kinetics Activities	(2)	HK 12 or 13, Human Kinetics Activities	(2)
NSTP 2, National Service Training Program 2	(3)		18
	18		
<i>THIRD YEAR</i>			
GE 9 (UPLB): COMM 10, Critical Perspectives in Communication	3	Core: HUME 125, Human Ecological Systems Mapping	3
Core: CERP 140, Fundamentals of Environmental Economics	3	Core: HUME 124, Environmental Health	3
Core: HUME 122, Human Needs and the Built Environment	3	Core: SDS 173, Consumer Education	3
Core: HUME 123, Climate Change Adaptation and Disaster Risk Reduction in Human Ecosystems	3	Core: HFDS 110, Migration	3
Core: SDS 172, Techniques in Community Organizing	3	Major:	3
Core: HUME 195, Research Methods in Human Ecology	3	Major:	3
Major:	3	Major:	3
	21		21
<i>FOURTH YEAR</i>			
Core: HNF 141, Food and Nutrition Systems	3	Practicum: HUME 200a, Supervised Field Experience	6
Major:	3	Seminar: HUME 199, Seminar in Human Ecology	1
Major:	3	CERP/HFDS/SDS 200, Undergraduate Thesis	3
Major:	3		10
CERP/HFDS/SDS 200, Undergraduate Thesis	3		
	15		

TOTAL NUMBER OF UNITS 140

* Depending on the major: Human and Family Development, Social Technology, Human Settlements Planning

+A three (3) unit GE Elective course will be chosen by the student from any available qualified GE courses.

BACHELOR OF SCIENCE IN NUTRITION*

Special UPLB UC 21 May 2018; Executive Vice President's Approval (by authority of the UP President) 11 February 2019

<i>First Semester</i>	<i>Units</i>	<i>Second Semester</i>	<i>Units</i>
<i>FIRST YEAR</i>			
GE (Core): ARTS 1, Critical Perspectives in the Arts	3	GE 2 (Core): HIST/KAS 1, Philippine History	3
ABT 11, Introduction to Biotechnology	1	GE 3 (Core): ETHICS 1, Ethics and Moral Reasoning	3
BIO 30, Genetics	3	GE 4: (Elective)	3
HUME 100, Introduction to Human Ecology	3	CHEM 40, Organic Chemistry	4
HFDS 130, Human Physiology	3	CHEM 40.1, Organic Chemistry Laboratory	1
CHEM 18, University Chemistry	3	MCB 11, Microbiology	3
CHEM 18.1, University Chemistry Laboratory	2	HNF 101, Food Selection and Preparation	4
HK 11, Concepts in Wellness and Basic Injury Management	(2)	HK 12 or 13, Human Kinetics Activities or Advanced Human Kinetics Activities	(2)
	18		21
<i>SECOND YEAR</i>			
MGT 101, Concepts and Dynamics of Management	3	GE 5 (Core): STS 1, Science, Technology, and Society	3
HNF 103, Food Preservation	3	GE 6 (UPLB): PI 10, The Life, Works and Writings of Jose Rizal	3
HNF 122, Food and Nutrition	4	GE 7 (Elective)	3
HNF 141, Food and Nutrition Systems	3	GE 8 (Elective)	3
CHEM 160, Introduction to Biochemistry	3	STAT 101, Statistical Methods	3
HNF 102, Meal Management	4	MGT 111, Accounting	3
HK 12 or 13, Human Kinetics Activities	(2)	HNF 123, Nutritional Assessment	3
NSTP 1, National Service Training Program 1	(3)	HK 12 or 13, Human Kinetics Activities or Advance Human Kinetics Activities	(2)
	20	NSTP 2, National Service Training Program II	(3)
			21
<i>THIRD YEAR</i>			
HNF 142, Public Health Nutrition	3	HNF 105, Food Service Systems II	3
HNF 104 Food Service Systems I	3	HNF 143, Nutrition Education	3
HNF 127, Nutrition in the Life Stages	4	HNF 129, Medical Nutrition Therapy II	5
HNF 128, Medical Nutrition Therapy I	5	HNF 200, Undergraduate Thesis	3
HNF 195, Food and Nutrition Research	3	HNF 126, Sports Nutrition	2
	18	GE 9 (Core): COMM 10, Critical Perspectives in Communication	3
			19
<i>MIDYEAR</i>			
HNF 200, Undergraduate Thesis			3
<i>FOURTH YEAR</i>			
HNF 199, Undergraduate Seminar	1	HNF 200b, Practicum II	12
HNF 200a, Practicum I	12		
	13		

TOTAL NUMBER OF UNITS 145

* A three (3) unit GE Elective course will be chosen by the student from any available qualified GE courses.

COURSES

INSTITUTE OF HUMAN NUTRITION AND FOOD

HUMAN NUTRITION AND FOOD

HNF 101. Food Selection and Preparation (4). Principles, underlying selection, storage, and preparation of food with emphasis on local food materials. 8 hrs (2 class, 6 lab). PR. ABT 11. (2)

HNF 102. Meal Management (4). Nutritional, social, economic cultural, and aesthetic aspects of meal management. 8 hrs (2 class, 6 lab). PR. HNF 101. (1)

HNF 103. Food Preservation (3). Principles and methods of processing food at home and community levels, and the relationships to physico-chemical properties of food. 5 hrs (2 class, 3 lab). PR. MCB 11 and HNF 101. (1)

HNF 104. Food Service Systems I (3). Principles and techniques in the management of food service operations in various settings. 5 hrs (2 class, 3 lab). PR. HNF 102. (1)

HNF 105. Food Service Systems II (3). Analysis of the food service operations through feasibility studies and practicum. 7 hrs (1 class, 6 lab). PR. HNF 104, MGT 101, and MGT 111. (2)

HNF 121. Advanced Human Nutrition (3). Physiological and chemical bases of human nutritional needs. 3 hrs (class). PR. COI. (1)

HNF 122. Food and Nutrition (4). Basic food and nutrition concepts, nutritional biochemistry, basic tools in nutrition, planning and evaluating normal diets. 6 hrs (3 class, 3 lab). PR. HNF 101. (1)

HNF 123. Nutritional Assessment (3). Principles and methods in the evaluation of nutritional status of individuals and population groups. 5 hrs (2 class, 3 lab). PR. HNF 122. (1,2)

HNF 126. Sports Nutrition (2). Principles underlying the application of nutrition in exercise and sports. 2 hrs (class). PR. HNF 123. (1,2)

HNF 127. Nutrition in the Life Stages (4). Nutritional needs during growth, reproduction and old age; emphasis on maternal and child nutrition. 6 hrs (3 class, 3 lab). PR. HNF 123. (1)

HNF 128. Medical Nutrition Therapy I (5). Principles underlying medical nutrition therapy and their applications to various nutritional states. 7 hrs (4 class, 3 lab). PR. HFDS 130, CHEM 160, and HNF 123. (1)

HNF 129. Medical Nutrition Therapy II (5). Principles underlying medical nutrition therapy and their applications to various disease conditions such as degenerative and metabolic disorders. 7 hrs (4 class, 3 lab). PR. HNF 128. (2)

HNF 141. Food and Nutrition System (3). Concepts and components of the food and nutrition system in relation to food and nutrition security. 5 hrs (2 class, 3 lab). (1,2)

HNF 142. Public Health Nutrition (3). Principles and theories of public health nutrition as applied to the management of community nutrition and health programs. 5 hrs (2 class, 3 lab). PR. HNF 123. (1,2)

HNF 143. Nutrition Education (3). Principles, approaches, and methods in teaching nutrition; designing, testing, and evaluating nutrition education materials and programs. 5 hrs (2 class, 3 lab). PR. HNF 127. (2)

HNF 195. Food and Nutrition Research (3). Food and nutrition research methodologies and their applications. 5 hrs (2 class, 3 lab). PR. STAT 101. (1,2)

HNF 199. Undergraduate Seminar (1). The seminar will deal with the principles of ethics, professionalism, and leadership as applied to the practice of Nutrition and Dietetics. 1 hr (class). PR. COI. (1,2)

HNF 200. Undergraduate Thesis (6). (1,2 M)

HNF 200a. Practicum I (12). (1,2)

HNF 200b. Practicum II (12). (1,2)

HNF 211. Food and Culture (3). Human food behavior and food ways as influenced by various factors; related relationships to dietary patterns and application to nutrition development programs. 3 hrs (class). PR. COI. (2)

HNF 221. Biochemical Aspects of Human Nutrition (3). Analysis of biochemical processes and regulations, and their interrelationships in the metabolism of nutrients. 3 hrs (class). PR. CHEM 160 or 161 or COI. (1)

HNF 222. Nutrition in Health and Disease (3). Nutrition in relation to physiological and biochemical changes during special health and disease conditions. 3 hrs (class). PR. COI. (2)

HNF 223. Evaluation of Nutritional Status (3). Principles, methods, and techniques used in the evaluation of nutritional status of population groups. 5 hrs (2 class, 3 lab). PR. COI. (1)

HNF 224. Nutritional Epidemiology (3). Epidemiologic principles and methods and their application to the promotion of nutrition and health; and control of nutrition-related diseases in human population. 5 hrs (2 class, 3 lab). PR. STAT 101 or COI. (1)

HNF 225. Nutritional Physiology (3). Analysis of physiological principles and processes as applied to human nutrition in health and disease. 3 hrs (class). PR. COI. (1)

HNF 251. Ecology of Food and Nutrition (3). Ecological, sociocultural, economic, and demographic factors affecting food consumption and nutritional status of a region and population. 3 hrs (class). PR. COI. (1)

HNF 252. Food and Nutrition Planning (3). Identification and analysis of problems, resources, and processes involved in the formulation of policies and planning of food and nutrition programs. 3 hrs (class). PR. COI. (2)

HNF 253. Workshop in Food and Nutrition Planning (3). Formulation of policies and plans for food and nutrition programs on the national and sectoral levels. 3 hrs (class). PR. HNF 252 or COI. (2)

HNF 254. Nutrition Programs (3). Activities involved in food and nutrition programs at local, national, and international levels; planning and evaluation of applied nutrition programs. 3 hrs (class). PR. COI. (1)

HNF 298. Field Studies (6). PR. COI. (1,2, M)

Human Ecology

HUME 290. Special Problems (1-3). May be taken twice provided that the total number of units to be credited to the student's program will not exceed 4 units. (1,2,M)

HUME 291. Special Topics (1-3). May be taken twice provided that the total number of units to be credited to the student's program will not exceed 4 units. (1,2, M)

HUME 299. Graduate Seminar (1). May be taken twice. (1,2, M)

HUME 300. Master's Thesis (6). (1,2,M)

HUME 400. Doctoral Dissertation (12). (1,2,M)

DEPARTMENT OF HUMAN AND FAMILY DEVELOPMENT STUDIES

HUMAN AND FAMILY DEVELOPMENT STUDIES

HFDS 101. Family and the Environment (3). The family in relation to individual members, society, and institutions; includes structural patterns, relations, and formations. 3 hrs (class). (1,2)

HFDS 105. Family Dynamics. Analysis of factors contributing to effective individual and family relationships within a dynamic environment. 3 hrs (class). (1,2)

HFDS 110. Migration (3). Theories of migration, determinants, problems, and adjustments; economic and social outcomes of migration in the individual, community, and national levels. 3 hrs (class). PR. SOC 140. (1,2)

HFDS 115. Family and Community Resource Management (3). Theories and practice of decision-making and management of resources at the family and community level. 3 hrs (class). (1,2)

HFDS 124. Housing (3). Perspective in housing, geographic, socio-cultural, and structural factors considered; emphasis on contemporary housing needs of families and groups. 3 hrs (class). (2)

HFDS 130. Human Physiology (3). Functions and structures of the human body for growth and development. 3 hrs (class). (1,2)

HFDS 135. Child Development (3). Theories in child development; developmental patterns of the different domains of a child in relation

to various factors; issues in the childhood stage. 3 hrs (class). (1,2)

HFDS 140. Adolescent Development (3). Theories of adolescence; developmental characteristics of and issues in adolescence. 3 hrs (class). PR. HUME 107. (2)

HFDS 145. Adult Development (3). Theories and principles of early and middle adulthood; developmental characteristics of adulthood related to various factors; current issues and trends. 3 hrs (class). (2)

HFDS 150. Elderly Development (3). Biological, psychosocial, and cognitive dimension of elderly development and aging using the active aging and human ecology frame- work. 3 hrs (class). (1)

HFDS 155. Human Sexuality. Biological, psychological, socio-cultural aspects of human sexual behavior; and sexuality and population-related issues and problems. 3 hrs (class). PR. COI. (1,2)

HFDS 160. Personality Theories (3). Theories and approaches in understanding personality development; major methods in personality research. 3 hrs (class). PR. COI. (1,2)

HFDS 165. Behavior Change (3). Analysis of human behavior; understanding basic psychological processes and techniques in behavior change and modification. 3 hrs (class). PR. COI. (1,2)

HFDS 170. Guidance and Counseling Techniques (3). Application of guidance and counselling techniques to individuals and families. 3 hrs (class). (1)

HFDS 175. Child Development Programs (3). Application of principles of development to children from 2-12 years old; observation and participation in programs for children. 3 hrs (class). PR. HUME 107. (2)

HFDS 180. Early Childhood Curriculum (3). Approaches to early childhood education; process and strategies in curriculum development for young children applicable to formal and non-formal settings. 3 hrs (class). PR. HFDS 135. (1)

HFDS 200. Undergraduate Thesis (3). PR. COI. (1,2,M)

HFDS 221. Family Behavior (3). Analysis of family behavioral patterns as affected by ecological factors. 3 hrs (class). PR. COI. (1)

HFDS 222. Problems in Family Relations (3). Approaches and strategies in handling problems of families. 3 hrs (class). PR. HFDS 112 or COI. (2)

HFDS 231. Family Management (3). Current concepts and issues in family management. 3 hrs (class). PR. COI. (1)

HFDS 232. Consumer Behavior (3). Consumer motivation and behavior in relation to various factors. 3 hrs (class). PR. COI. (2)

HUMAN ECOLOGY

HUME 100. Introduction to Human Ecology (3). Nature, scope, and development of human ecology. 3 hrs (class). (1,2)

HUME 107. Principles of Human Development (3). Theories,

principles, and processes involved in human development across the lifespan. 3 hrs (class). (1,2)

HUME 110. Ecology and Value Systems (3). Analysis of value orientation of men and social groups, their role in dealing with the environment, other groups, and institutions. 3 hrs (class). PR. HUME 105 and BIO 150. (1,2)

HUME 122. Human Needs and the Built Environment (3). Designing the built environment based on human needs, principles, and elements of design. 3 hrs (class). PR. HUME 100. (1,2)

HUME 199. Seminar in Human Ecology (1). Review and discussion of current issues in human ecology and related fields. 1 hr (class). PR. COI. (1,2)

HUME 200a. Supervised Field Experience (6). Participation in on-going development programs; case study. 300 hrs field work. PR. COI. (1,2)

HUME 290. Special Problem (1-3). May be taken twice provided that total number of units to be credited to the student's program will not exceed 4 units. (2,M)

HUME 291. Special Topics (1-3). May be taken twice provided that the total number of units to be credited to the student's program will not exceed 4 units. (1,2)

HUME 299. Graduate Seminar (1). May be taken twice.

HUME 300. Master's Thesis (6). (1,2,M).

HMDV 399. Graduate Seminar in Human Development (3).

HMDV 400: Doctoral Dissertation (12).

DEPARTMENT OF COMMUNITY AND ENVIRONMENTAL RESOURCE PLANNING

COMMUNITY AND ENVIRONMENTAL RESOURCE PLANNING

CERP 101. Fundamentals of Human Settlements (3). An introductory course on types, elements and functions of Human Settlements, dimension and planning. 3 hrs (class). PR. HUME 100 or COI. (1,2)

CERP 122. Conservation of Natural Resources (3). Principles and practices in the use and conservation of natural resources. 3 hrs (class). PR. BIO 150 or COI. (1)

CERP 140. Fundamentals of Environmental Economics (3). Economic concepts and techniques applied to environmental studies. 3 hrs (class). PR. HUME 111 or COI. (1)

CERP 161. Planning Theory and Practice I (3). Planning theories, process and dimensions and their contextual applications. 3 hrs (class). PR. HUME 111 or COI (2)

CERP 162. Planning Theory and Practice II (3). Plan implementation concepts, theories, processes and tools. 3 hrs (class). PR. CERP

161. (2)

CERP 163. Land Use Planning for Human Settlements (3). Concepts and techniques of spatial analysis and site planning for human settlements. 5 hrs (2 class, 3 lab). PR. CERP 161. (1)

CERP 164. Spatial Analysis and Planning for Human Settlement (3). Methods and approaches in spatial analysis for planning of human settlements. 5 hrs (2 class, 3 lab). PR. CERP 163 and HUME 125 or COI & CERP 163. (2)

CERP 165. Human Settlements Planning I (3). Techniques in the planning of human settlements. 5 hrs (2 class, 3 lab). PR. CERP 161 and HUME 195. (1,2)

CERP 166. Human Settlements Planning II (3). Casework-based planning of human settlements. 7 hrs (1 class, 6 lab). PR. CERP 165. (1,2)

CERP 170. Environmental Project Planning and Administration (3). Elements and approaches in formulating and administering environmental projects. 3 hrs (class). PR. HUME 115 and CERP 140 or COI (2)

CERP 200. Undergraduate Thesis (6). PR. COI (1,2,M)

HUMAN ECOLOGY

HUME 100. Introduction to Human Ecology (3). Nature, scope and development of human ecology. 3 hrs (class). (1,2)

HUME 105. Humans and Their Environment (3). Human-environment interaction through time and space; contemporary ecological problems encompassing physical, biological, social and ethical dimensions; implications to human well-being and behavior. 3 hrs (class). PR. HUME 100 (1,2)

HUME 111. Human Ecological Perspectives in Development (3). Relating human ecological perspective and concepts in the multi-dimensions of development. 3 hrs (class). PR. HUME 105 or COI (1)

HUME 114. Material and Energy Flows (3). Matter and energy forms and transformation; thermodynamic principles; material cycle; and energy flows; man's role in material and energy production; recycling. 3 hrs (class). (1,2)

HUME 123. Climate Change Adaptation and Disaster Risk Reduction in Human Ecosystems (3). Concepts, frameworks, models, tools and methodologies of climate change adaptation and disaster risk reduction and their applications to human ecosystems. 3 hrs (class). PR. HUME 100 or COI (1,2)

HUME 124. Environmental Health (3). Nature of environmental hazards including pollution and human wastes; effects on human functioning and means of minimizing such effects. 3 hrs (class). PR. HUME 105 or COI (1,2)

HUME 125. Human Ecological Systems Mapping (3). Mapping for human ecosystems analysis. 5 hrs (2 class, 3 lab). PR. HUME 105 or COI (1,2)

HUME 195. Research Methods in Human Ecology (3). An understanding and applications of the basic concepts, various methodologies, tools and skills in undertaking research in Human Ecology. 3 hrs (class). (1)

HUME 199. Seminar in Human Ecology (1). Review and discussion of current issues in human ecology and related fields. 1 hr (class). PR. COI. (1,2)

HUME 200a. Supervised Field Experience (6). Participation in on-going development programs; case study. 300 hrs field work. PR. COI. (1,2,M)

DEPARTMENT OF SOCIAL DEVELOPMENT SERVICES

Social Development Services

SDS 101. Introduction to Social Development (3). History, perspectives, trends, approaches, and contemporary issues and problems in social development. 3 hrs (class). (1,2)

SDS 152. Community Services and Programs (3). Services and programs designed to assist the development of the community; analysis of approaches and techniques for bringing about development. 5 hrs (2 class, 1.5 lab). PR. SDS 101. (2)

SDS 153. Adult Program in Social Development (3). Organization and management of adult programs towards social development with emphasis on extension work, teaching methods and experiences for successful adult learning and in working with adults. 3 hrs (class). PR. HUME 111. (1)

SDS 162. Design and Management of Training Programs (3). Concepts and principles, formulation, implementation and evaluation of training programs. 5 hrs (2 class, 1.5 lab). PR. SDS 101. (2)

SDS 163. Social Vulnerabilities and Capacities (3). Principles and methods in the assessment of the vulnerabilities and capacities of social-ecological systems in the context of a changing environment. 3 hrs (class). PR. HUME 113 or COI. (COI applies to non-BS Human Ecology students with background in conducting research on community profiling and needs assessment). (1)

SDS 168. Social Impact Assessment (3). Principles and methods in the assessment of the social impacts of planned interventions on human ecological systems. 3 hrs (class). PR. SDS 101 or SOC 10. (1)

SDS 172. Techniques in Community Organizing (3). Techniques and practice in organizing human-centered development groups. PR. SDS 101 or AERS 154 (1,2) or AERS 154. (1,2)

SDS 173. Consumer Education (3). Problems, issues and challenges on safety, labelling and advertising of goods and services as these relate to the consumer in the market; the effects of social and economic policies on consumer behavior and human welfare. 3 hrs (class). (1,2)

SDS 174. Filipino Values and Social Development (3). Nature and concepts of values; approaches to values development; application of Filipino values in the management of social development programs. 3 hrs (class). PR. SDS 101 or COI. (2)

SDS 200. Undergraduate Thesis (6). (1,2)

HUMAN ECOLOGY

HUME 100. Introduction to Human Ecology (3). Nature, scope and development of human ecology. 3 hrs (class). (1,2)

HUME 112. Sustainability Science (3). Concepts, theories and practices in sustainability science. 3 hrs (class). (1,2)

HUME 113. Community Study in Human Welfare (3). Analysis of communities as to social and physical structure, functions, resources technology and levels of living; implications on community and human welfare. 5 hrs (2 class, 1.5 lab). (1,2)

HUME 115. Social Policies (3). Social and resources policies based on analysis of problems and approaches; introduction to benefits/costs in human, social and economic terms. 3 hrs (class). PR. COI. (1,2)

HUME 123. Climate Change Adaptation and Disaster Risk Reduction in Human Ecosystems (3). Concepts, frameworks, models, tools and methodologies of climate change adaptation and disaster risk reduction and their applications to human ecosystems. 3 hrs (class). PR. HUME 100 or COI (COI applies to non-BS Human Ecology students with background in the study of human environment interaction or climate change and DRR). (1,2)

HUME 190. Special Problems (3). May be taken twice provided that total number of units to be credited to the student's program will not exceed 4 units. (1,2)

HUME 191. Special Topics (3). May be taken twice provided that total number of units to be credited to the student's program will not exceed 4 units. (1,2)

HUME 199. Seminar in Human Ecology (1). Review and discussion of current issues in human ecology and related fields. 1 hr (class). PR. COI. (1,2)

HUME 200a. Supervised Field Experience (6). Participation in on-going development programs; case study. 300 hours field work. PR. COI. (1,2,M)