

GLOBAL HEALTH AND NUTRITION

Course Number	Course Name	Description
ANTH 210	Eating Culture	An anthropological exploration of how the collection, cultivation and consumption of food shapes human society and culture.
ANTH 227	Introduction to Medical Anthropology	An examination of health and illness, in their social and cultural contexts.
ANTH 429	Global Health in Cross-Cultural Contexts	Includes examination of the social and cultural dimensions of specific life-threatening emerging and re-emerging infectious diseases, the political economy of health, cultural interpretations of illness and healing, medical pluralism, therapy management, and the cultural construction of efficacy.
APBI 414	Animals and Global Issues	Research seminar integrating diverse information to address global animal issues including: animal-source foods and human health, environmental impact of livestock production, trade in exotic animals.
BIOL 155	Human Biology: Physiology and Introductory Anatomy	The principles of biology with particular reference to the human body (anatomy and physiology). (physiology and introductory anatomy). Please consult the Faculty of Science Credit Exclusion Lists: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,215,410,414 .
CAPS 301	Human Physiology	Organ systems function with particular reference to mammalian and human physiology.
CAPS 391	Introduction to Gross Human Anatomy	Structure and function of body regions at the macroscopic level.
CHEM 341	Global Challenges: A Chemical Perspective	Importance of chemistry in society. Detailed case studies drawn from modern chemistry: human health, energy, commodity chemicals, materials, green chemistry, agriculture.
ECED 401	Supporting Young Children's Health and Well-Being in Early Childhood Settings	n/a
ECON 255	Understanding Globalization	Social and economic implications for both rich and poor countries of lowered barriers to the international flows of information, capital, labour and goods. May not be taken for credit by students with fourth-year standing.
ECON 317	Poverty and inequality	Economic inequality in Canada and other countries; measurement and causes. Inequality in the distribution of wealth; redistribution of income and wealth; notions of distributive justice.
ECON 335	Fertility, Families and Human Migration	Traditional fertility and mortality patterns, demographic transition, catastrophes, well-being and nutrition, international and internal migration, epidemics and growth spurts.
FMST 210	Family Context of Human Development	The influence of family dynamics and social conditions on human development.
FNH 200	Exploring Our Food	Chemical and physical properties of foods; issues pertaining to safety, nutritive value and consumer acceptability; government regulations pertaining to food safety, quality and additives; preservation techniques and transformation of agricultural commodities to food products; foods of the future.
FNH 250	Nutrition Concepts and Controversies	Fundamental concepts and principles of human nutrition applied to current nutrition issues. Credit can only be obtained for 1 of FNH 250 or FNH 255.
FNH 313	Microorganisms in Food Systems	Microorganisms of importance in safety, spoilage and preservation of foods; factors affecting growth, survival and inactivation of microorganisms in fermented food systems; food processing plant cleaning and sanitation.
FNH 340	Food Theory	Principles of food preparation based on the physical and chemical properties of food
FNH 341	Food Theory Applications	Experimental and practical application of scientific principles and theories to problems of food preparation. Note: Course registrants are required to possess a Foodsafe I certificate.
FNH 342	Critical Perspectives on Consumer Food Practices	Personal, collective, and policy factors affecting food choices, including perceptions of healthy eating, gender, identity, family structures, and economic, sociocultural, and political forces.
FNH 350	Fundamentals of Nutrition	Fundamentals of energy and macronutrient metabolism.

FNH 351	Vitamins, Minerals, and Health	Vitamin and mineral nutrition and their role in maintaining and promoting health.
FNH 355	International Nutrition	Conceptualization and scientific analyses of global problems in food and nutrition; complexities of food habits and malnutrition in various cultures around the world.
FNH 370	Nutrition Assessment	The use of dietary, anthropometric, biochemical, and related information for the assessment of nutritional status of individuals and populations.
FNH 371	Human Nutrition Over the Life Span	Nutritional requirements and dietary patterns of healthy individuals throughout the life span.
FNH 398	Research Methods in Human Nutrition	Process of research; principles and processes in utilizing research. Restricted to students in majors in the FNH program.
FNH 402	Functional Foods and Nutraceuticals	Functional food and nutraceutical concepts related to ingredient safety and quality; examples of nutrient-disease relationships, requirements for standards of efficacy for health claims; market determinants of functional food and nutraceutical industries.
FNH 415	Business Concepts in Food, Nutrition and Health	Introduction to and application of business activities in food, nutrition, and health settings. Credit will only be granted for only one of FNH 415, FOOD 515, or FRE 515.
FNH 451	Nutrient Metabolism and Implications for Health	Integration of nutrient and energy metabolism on a whole-body and individual tissue basis and the implication for health. Emphasis will be on regulation of nutrient metabolism.
FNH 455	Applied International Nutrition	Applying nutrition concepts and principles in addressing problems of malnutrition and food insecurity in international settings. Basics of developing culturally acceptable, sustainable nutrition intervention programs.
FNH 472	Maternal and Fetal Nutrition	Metabolic adaptations, nutrient metabolism, and special issues during pregnancy that may influence the maternal-fetal nutritional supply.
FNH 473	Applied Public Health Nutrition	Theory and methods in public health nutrition and health promotion program planning to assess, plan, implement, and evaluate nutrition-related programs for communities and populations. Considers factors affecting behavior and the social determinants of health.
FNH 474	Sport Nutrition	Nutritional needs of athletes, including energy, carbohydrate and protein; hydration; pre-and post-event nutrition, weight management and body composition issues; ergogenic aids; sports-specific guidelines; and special athlete populations.
FNH 477	Nutrition and Disease Prevention	Evidence-based examination of the role of nutrition in the prevention of chronic disease.
FNH 490	Topics in Food, Nutrition, and Health	Analysis and interpretation of current issues in food, nutrition and health.
FRE 306	Introduction to Global Food Markets	An overview of global food markets including recent trends (e.g., vertical coordination, strategic alliances, multinationals and small firms in niche markets), marketing and trade institutions such as state-trading enterprises and WTO regulations, issues specific to developing nations, and case studies.
FRE 340	International Agricultural Development	Characteristics, processes and sources of economic growth, role of agricultural and resource sectors in economic growth, analysis of output and input markets in those sectors, policy failures, tools for empirical analysis of rural markets, growth, and the environment.
FRE 460	Economics of Food Consumption	Microeconomics of consumer decisions and public policy in food contexts; foodborne illness; economic causes and consequences of obesity; sin taxes and prohibitions; information campaigns and advertising; labeling; food waste and ethics.
GRSJ 305	Social Justice Issues in Community and International Organizing	Critical examination and practical applications of concepts, theories, methods, and strategies of gender-aware organizing at the community and international levels.
GRSJ 310	Issues in Gender and Health	Interdisciplinary introduction to gender and health issues using selected theoretical frameworks.
HIST 440	History of Global Health	The emergence of global health since 1800. Medical and social response to infectious diseases and epidemics, the ethical foundations of global health, and the relationship among health, colonialism, international collaboration, and the developing world.

ISCI 350	Darwinian Medicine	Using the Darwinian theory of natural selection to explore explanations of infectious diseases, allergies, cancer, mental illness, and other human diseases. Priority to students in the Integrated Sciences Program.
KIN 103	Active Health	Role of physical activity in the maintenance of a healthy life. Application of basic physical fitness and exercise methods, exercise techniques and fitness appraisal.
KIN 232	Nutrition, Physical Activity, and Health	Study of nutrition and its application to physical activity and health. Macro- and micronutrient classification and recommended daily intakes, their digestion, functions in the body and their role in supporting physical activity and health will be discussed.
KIN 261	Health Policy and Society	Health policy and the social context in relation to active health.
KIN 425	Aging, Health and the Body	The sociology of aging and the body. Focus on how older adults perceive and experience health and illness.
KIN 464	Health Promotion and Physical Activity	Current perspectives on health promotion and health education; design and implementation of health promotion strategies in a variety of arenas, particularly health promotion/education strategies aimed at encouraging physical activity.
KIN 465	Interculturalism, Health, and Physical Activity	Examination of multiculturalism and interculturalism in the delivery of community-based physical activities for diverse populations; connections between physical activity and health in different cultural contexts. Community service learning and participation in culturally unfamiliar physical activities are core elements.
KIN 469	Chronic Health Issues, Physical Activity, and Community Practice	Issues related to physical activity and public health. Focus on community interventions. Creation of activity plans that promote physical, mental, and/or social well-being in persons dealing with chronic health issues. Community service-learning component.
MIDW 215	Ethics in Maternity Care	Ethics using ethical theory in health care and midwifery.
MIDW 360	Global Maternal Infant Health	Social and economic determinants of maternal and fetal health worldwide, innovative public health strategies to reducing maternal and infant mortality and morbidity, and the impact of conflict on the health of mothers and babies. Ethical considerations related to global clinical placements and medical tourism. Theoretical course in preparation for global clinical placement. Pass/Fail.
MIDW 380	Global Clinical Placement	Social and economic determinants of maternal and fetal health worldwide, innovative public health strategies to reducing maternal and infant mortality and morbidity, and the impact of conflict on the health of mothers and babies. Ethical considerations related to global clinical placements and medical tourism. A global clinical placement. Pass/Fail.
NURS 290	Health Impacts of Climate Change	Human health impacts of the current and projected environmental crisis; study of key concepts and ideas to prepare for the future to promote wellbeing of individuals, communities and populations.
PHIL 333	Bio-Medical Ethics	Moral problems arising in the health sciences, especially in medicine but also in biology, psychology, and social work. Topics include abortion, death and euthanasia, genetic engineering, behaviour modification, compulsory treatment, experimentation with human beings and animals, and the relationship between professionals and their patients, subjects or clients. No philosophical background is required.
POLI 309	Canadian Perspectives on Human Rights	Key issues in the theory and practice of human rights in Canada. Topics will vary from year to year.
POLI 373	Ethics in World Politics	When is it right to wage war? Who should pay for global warming? Should the wealthy provide foreign aid- how much? Analysis of traditions of moral thought to reach reasoned judgments about such dilemmas in global politics.
POLI 374A	International Peacekeeping	The development of peacekeeping within and outside the United Nations system and as an instrument of conflict management.
POLI 461	Peace and Conflict Studies	A seminar on a selected topic concerning the causes of war and strategies for the promotion of peace. For specific content in a given year, consult the departmental website.
PSYCH 307	Cultural Psychology	Cultural influences on human thought and behaviour; interactions of culture and self; multicultural experiences; intercultural relations; methodological issues.

PSYC 314	Health Psychology	Health-related behaviours such as smoking and drug use; effects of stressful events on health; methods for coping with stress; impact of chronic illness on the family; social support systems.
PSYC 404	Psychology of Religion	Cognitive, emotional, and motivational underpinnings of religious behaviour; supernatural beliefs, magical thinking, ritual, sacrifice; religion's role in morality, prosociality, health, violence, and intergroup relations.
SOCI 423	Sociology of Food	Cultural, economic, and political aspects of food production and consumption, including connections to class, ethnicity, and gender. Food-related social movements will be included.
SOCI 444	Sociology of Aging	Demographic, economic, and social trends associated with aging, ageism, and aging populations.
SOCI 479A	Social Determinants of Health	Relationships between social phenomena (e.g., personal beliefs, lifestyle practices, social support, socio-economic status, social class, gender, and ethnicity) and the health of human populations.
SOCI 484B	Sociology of Health and Illness	Sociological perspectives on health, illness, and health care as represented in classic and contemporary sociological studies of selected topics such as illness experience, social aspects of the practice of health professionals, training of health professionals, and the social organization of health delivery systems
SPHA 510**	Canadian Health Policy and the Healthcare System	Analysis of topical Canadian health policy issues including an historical overview of the health care system, health care funding, public / private financing, health care personnel and pharmaceutical policy challenges.
SPHA 511**	Government, Business and Health Care Policy	
SPHA 532**	Health Economics	Economic strengths and weaknesses of current arrangements, and the prospects and objectives of various proposals for reform.
SPHA 556**	Social Determinants of Health	Health planning and delivery models based on population health frameworks.
SPHA 557**	Quality of Health Care	Current concepts, methods, and applications in health care quality assessment and improvement.
SPHA 562**	Health Care Law	
SPHA 563**	Ethics and Ethical Decision Making in Health Care	n/a (1.5 credits only)
SPPH 301	Understanding the Sociocultural Determinants of the Health of Populations	The Interprofessional Health and Human Service (IHHS) course covers the idea of "population health," and the implementation and evaluation of programs or policies to improve health. Open to all students. Credit will be granted for only one of SPPH 200 or IHHS 200.
SPPH 300	Working in International Health	This is a tutored, web based Interprofessional Health and Human Service (IHHS) course on planning/preparing for work in a developing country. Causes of ill health amongst populations living in poverty; analysis of available solutions. Health Science background not essential. Credit will be granted for only one of SPPH 300 or IHHS 300.
SPPH 302	Topics in Health Informatics for Health/Life Sciences Students	Interprofessional Health and Human Service (IHHS) course. Credit will be granted for only one of SPPH 302 or IHHS 302.
SPPH 381A	Selected Topics - PUBLC HLTH ETHCS	By seminar and directed readings, certain topics of current interest are explored in depth.
SPPH 381C	Selected Topics - ENVIRNMTL HLTH	By seminar and directed readings, certain topics of current interest are explored in depth.
SPPH 381D	Selected Topics - CAN HLTH POLICY	By seminar and directed readings, certain topics of current interest are explored in depth.
SPPH 400	Statistics for Health Research	Planned collection, numeric and graphic summarization, and elementary statistical analysis of data. Examples primarily from health sciences illustrate standard techniques for parametric and non-parametric hypothesis testing; regression and correlation; contingency tables. Also randomization, "blindfolding" and other specifically biomedical topics in statistics. Class size may be limited.
SPPH 404	Indigenous Health: Historical Impacts and Contemporary Approaches	This course covers an epistemological approach that considers the social determinants of health and Indigenous spiritual-environmental and cultural perspectives and approaches to health and wellness.

SPPH 406	Aging from an Interdisciplinary Perspective	This Interprofessional Health and Human Service (IHHS) course covers issues associated with aging in our society. For students registered in health and human services programs only. Credit will be granted for only one of SPPH 406 or IHHS 406.
SPPH 410	Improving Public Health: An Interprofessional Approach to Designing and Implementing Effective Interventions	This Interprofessional Health and Human Service (IHHS) course promotes collaborating interprofessionally. Each student team will identify and research a critical public health issue, and develop a detailed practical and effective intervention. Intended for students in health and human service programs. Credit will be granted for only one of SPPH 410 or IHHS 410.
SPPH 481C	Special Topics in Population and Public Health – PRISON HEALTH	Selected topics will vary. Multiple versions may be taken. This course takes an interprofessional approach and population/public health perspective in addressing current issues in healthcare and health-related fields.

Other Grad courses that you might be able to take if given permission:

SPPH 515	<u>Surveillance and Monitoring in Public Health</u>
SPPH 517	<u>Clinical Research methods for Surgical Procedures</u>
SPPH 522	<u>Topics in Environmental Health</u>
SPPH 523	<u>Global Health and Human Security</u>
SPPH 525	<u>Issues and Concepts in Public Health</u>
SPPH 526	<u>Leadership in Public Health</u>
SPPH 527	<u>Social Determinants of Health</u>
SPPH 531	<u>Health Care Systems Analysis</u>
SPPH 533	<u>Toxicology and Public Health</u>
SPPH 534	<u>Occupational Health and Illness Processes</u>
SPPH 535	<u>Principles of Occupational and Environmental Hygiene</u>
SPPH 536	<u>Aboriginal People and Public Health: Ethics, Policy, and Practice</u>
SPPH 537	<u>Perinatal Epidemiology</u>
SPPH 540	<u>Program Planning and Evaluation</u>
SPPH 541	<u>Economic Evaluation</u>
SPPH 542	<u>Canadian Health Policy</u>
SPPH 543	<u>Health Technology Assessment for Health Policy</u>
SPPH 545	<u>Community Health Promotion</u>
SPPH 547	<u>Health Care Priority Setting</u>
SPPH 550	<u>Public Health Approaches to Substance Use and Addictions</u>
SPPH 555	<u>Principles and Practices of Injury Prevention</u>
SPPH 562	<u>Chemical and Biological Hazard Measurement</u>
SPPH 563	<u>Technical Aspects of Chemical and Biological Hazard Control</u>
SPPH 566	<u>Occupational Hygiene Practice</u>
SPPH 567	<u>Quantitative Methods for the Assessment and Analysis of Exposure Data</u>
SPPH 568	<u>Safety</u>
SPPH 570	<u>Current Issues in Public Health Practice</u>
SPPH 571	<u>Public Health, Transportation, and the Built Environment</u>
SPPH 581A	<u>Selected Topics - STAT COMPUTNG R</u>
SPPH 581C	<u>Selected Topics - DATA ANALYSIS</u>

