

COGNITIVE COMPLEXITY LEVEL DESCRIPTION
1 - Demonstrate broad knowledge
2 - Demonstrate comprehension
3 - Analyze, interpret and apply knowledge

Review of Courses: Foundational Knowledge Content Area and Level of Cognitive Complexity

CONTENT AREA	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
1. Anatomy and Physiology					
a) Structure of the human body at the macro and cellular level	2	2	BIOL 112 BIOL 200 CAPS 301	Yes Yes Yes	1 - Demonstrate broad knowledge 2 - Demonstrate comprehension 2 - Demonstrate comprehension
b) Role, function and regulation of the integumentary, musculo-skeletal, nervous, endocrine, reproductive, cardio-respiratory, urinary, lymphatic and digestive systems in health and disease	2	2	CAPS 301	Yes	2 - Demonstrate comprehension
c) Homeostasis including fluid-electrolyte and acid-base balance	2	2	CHEM 113 CHEM 123 FNH 250 BIOL 201 CHEM 233 CAPS 301	Yes Yes Yes Yes Yes Yes	1 - Demonstrate broad knowledge 1 - Demonstrate broad knowledge 1 - Demonstrate broad knowledge 2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension
d) Genetics and nutrigenomics	1	2	BIOL 112 BIOL 121 BIOL 200 FNH 351 FNH 475	Yes Yes Yes Yes Yes	1 - Demonstrate broad knowledge 1 - Demonstrate broad knowledge 2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension
2. Biochemistry					
a) Foundations of chemistry and biochemistry	2	2	BIOL 201 CHEM 111, CHEM 113, CHEM 121, CHEM 123, CHEM 203, CHEM 205, CHEM 213, CHEM 233	Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension
b) Major metabolic pathways	2	2	BIOL 201 BIOC 202	Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension

c) Foundations of cellular and molecular biology	2	2	BIOL 200 BIOL 201 BIOC 202	Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension
d) Mechanisms of metabolic regulation	2	2	BIOL 112 BIOL 201 BIOC 202	Yes Yes Yes	1 - Demonstrate broad knowledge 2 - Demonstrate comprehension 2 - Demonstrate comprehension
3. Communication	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Opportunities for and barriers to communication	2	2	FNH 380 FNH 381 FNH 480	Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension
b) Communication channels and techniques, and their appropriate usage	2	2	FNH 381 FNH 473 FNH 480	Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension
c) Strategies for effective written communication	3	3	ENGL 112 FNH 381	Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge
d) Strategies for effective oral communication	3	3	FNH 380 FNH 381 FNH 480	Yes Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
e) Strategies for effective interpersonal communication	3	3	FNH 380 FNH 381 FNH 480	Yes Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
f) Medical and dietetics-related terminology	2	2	FNH 470 FNH 475	Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension
4. Counselling	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Counselling theories	2	2	FNH 381	Yes	2 - Demonstrate comprehension
b) Counselling strategies and techniques	2	3	FNH 381 FNH 480	Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
c) Counselling processes	2	3	FNH 381 FNH 480	Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
5. Food	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Physical properties and chemical composition of food	2	3	FNH 200 FNH 340 FNH 341	Yes Yes Yes	1 - Demonstrate broad knowledge 2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge
b) Food preservation, storage and packaging	1	2	FNH 200	Yes	2 - Demonstrate comprehension
c) The role of ingredients and their interaction in food	2	2	FNH 340	Yes	3 - Analyze, interpret and apply knowledge

preparation	3	3	FNH 341	Yes	3 - Analyze, interpret and apply knowledge
d) Household food preparation	3	3	FNH 340 FNH 341	Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
e) Application of dietary requirements, guidelines, and guidance tools to food planning	3	3	FNH 370 FNH 440 FNH 470 FNH 475	Yes Yes Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
f) Food modification to address therapeutic, textural or other needs	2	3	FNH 340 FNH 440	Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge
g) Sensory evaluation of food	3	3	FNH 200 FNH 341	Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge
h) Religious and cultural food practices	2	2	FNH 340 FNH 341 FNH 440	Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension
i) Food labeling	2	2	FNH 200 FNH 250	Yes Yes	1 - Demonstrate broad knowledge 2 - Demonstrate comprehension
j) Food-borne illness	2	2	FNH 200 FOODSAFE Level 1 Certification (Program Requirement) FOODSAFE Level 2 Certification (Program Requirement)	Yes Yes Yes	1 - Demonstrate broad knowledge 1 - Demonstrate broad knowledge 2 - Demonstrate comprehension
6. Food Service Systems	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Purchasing, receiving, storage, inventory control and disposal activities	2	2	FNH 415 FNH 440	Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension
b) Menu planning	3	3	FNH 440	Yes	3 - Analyze, interpret and apply knowledge
c) Institutional menu modification to address therapeutic, textural, cultural or other needs	2	3	FNH 440	Yes	3 - Analyze, interpret and apply knowledge
d) Recipe development, standardization and evaluation	3	3	FNH 340 FNH 440	Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge
e) Quantity food production and distribution	2	3	FNH 440	Yes	3 - Analyze, interpret and apply knowledge
f) Cost control	2	3	FNH 415 FNH 440	Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
g) Human resource, financial, technical and equipment needs	2	2	FNH 415 FNH 440	Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension
h) Hazard Analysis and Critical Control Points (HACCP)	2	3	FNH 200 FNH 440 FOODSAFE Level 2 Certification (Program Requirement)	Yes Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge

i) Food service facility design	1	2	FNH 415 FNH 440	No Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension
j) Emergency planning	1 1	2 2	FNH 440 FNH 415	Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension
7. Health System in Canada	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Organization and delivery of care	1	1	FNH 380	Yes	1 - Demonstrate broad knowledge
b) Issues and trends	1	1	FNH 380	Yes	1 - Demonstrate broad knowledge
c) Political influence.	1	1	FNH 380	Yes	1 - Demonstrate broad knowledge
8. Human Nutrition across the Lifespan	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Ingestion, digestion, absorption, metabolism and excretion of nutrients	3	3	FNH 250 FNH 350 FNH 351	Yes Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
b) Biochemical utilization of nutrients and energy	3	3	FNH 250 FNH 350 FNH 351	Yes Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
c) Nutrient and energy requirements	3	3	FNH 250 FNH 350 FNH 351 FNH 371	Yes Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge
d) Physical activity and energy balance	2	2	FNH 250 FNH 350 FNH 371	Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension
e) Nutrition recommendations and guidelines	3	3	FNH 250 FNH 350 FNH 351 FNH 371	Yes Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge
f) Effect of deficiencies and toxicities of nutrients	3	3	FNH 250 FNH 350 FNH 351	Yes Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
g) Food sources of nutrients and dietary supplements	3	3	FNH 250 FNH 350 FNH 351 FNH 371	Yes Yes Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge 2 - Demonstrate comprehension
h) Role of nutrients and other food components in health	3	3	FNH 250 FNH 470 FNH 475 FNH 371	Yes Yes Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
i) Dietary practices	2	2	FNH 250	Yes	2 - Demonstrate comprehension

1) Dietary practices	2	3	FNH 371	Yes	3 - Analyze, interpret and apply knowledge
9. Interprofessional Collaboration	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Interprofessional communication	2	2	FNH 380	Yes	2 - Demonstrate comprehension
b) Patient / client / family /community-centred care	2	3	FNH 380 FNH 381	Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge
c) Interprofessional role clarification, including the role of the dietitian	2	2	FNH 380	Yes	2 - Demonstrate comprehension
d) Team functioning	2	2	LFS 250 FNH 380 FNH 473	Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge
e) Collaborative leadership	2	2	FNH 380	Yes	2 - Demonstrate comprehension
f) Interprofessional conflict resolution	2	2	FNH 380	Yes	2 - Demonstrate comprehension
10. Management	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Financial management	2	3	FNH 415 FNH 440	Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
b) Human resource management	2 2	2 2	FNH 415 FNH 440	Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension
c) Strategic and operational planning including needs assessment, goal setting and outcome assessment	2	3	FNH 415	Yes	3 - Analyze, interpret and apply knowledge
d) Organizational behaviour and development	2	2	FNH 415	Yes	2 - Demonstrate comprehension
e) Project management	2	2	FNH 415	Yes	2 - Demonstrate comprehension
f) Regulations, policies and procedures	1	2	FNH 415	Yes	2 - Demonstrate comprehension
g) Marketing	2	2	FNH 415	Yes	2 - Demonstrate comprehension
h) Quality improvement	2	2	FNH 415 FNH 440	Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension
11. Microbiology	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Classification of microbes	1	1	FNH 200	Yes	1 - Demonstrate broad knowledge
b) Microbes in food safety	2	2	FOODSAFE Level 1 Certification (Program Requirement) FNH 200	Yes Yes	2 - Demonstrate comprehension 1 - Demonstrate broad knowledge
c) Host-vector spread of infection and risk management	2	2	FOODSAFE Level 1 Certification (Program Requirement) FNH 200	Yes Yes	2 - Demonstrate comprehension 1 - Demonstrate broad knowledge

d) Microbes in food production including prebiotics and probiotics	1	1	FNH 200	Yes	1 - Demonstrate broad knowledge
e) Microbiome in human health	2	2	FNH 351 FNH 470	Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension
12. Nutrition Assessment	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Food and nutrient intake of individuals and populations	3	3	FNH 370 FNH 371 FNH 473 FNH 470 FNH 475	Yes Yes Yes Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge 2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
b) Environmental and individual factors affecting food intake	3	3	FNH 250 FNH 370 FNH 371 FNH 473 FNH 470 FNH 475	Yes Yes Yes Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
c) Anthropometric data collection and interpretation	3	3	FNH 370 FNH 371 FNH 470 FNH 475	Yes Yes Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
d) Biochemical parameter interpretation	3	3	FNH 370 FNH 470 FNH 475	Yes Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
e) Clinical data collection and interpretation	3	3	FNH 370 FNH 470 FNH 475	Yes Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
f) Surveillance and monitoring data collection and interpretation	2	3	FNH 370 FNH 470 FNH 475	Yes Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
13. Nutrition Care Process and Medical Nutrition Therapy	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Etiology and pathophysiology of nutrition-related diseases	2	3	FNH 470 FNH 475	Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
b) Nutrition-related disease management strategies	3	3	FNH 470 FNH 475	Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
c) Use of assessment, diagnosis, intervention, monitoring, evaluation (ADIME) in medical nutrition therapy	3	3	FNH 470 FNH 475	Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
d) Calculation of energy and nutrient requirements for conditions/diseases	3	3	FNH 470 FNH 475	Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge

e) Goal setting and outcome measurement in nutrition therapy	2	3	FNH 470 FNH 475	Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
f) Oral, enteral, and parenteral nutrition support	2	3	FNH 470 FNH 475	Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
g) Feeding assessment, including identification of chewing, swallowing and feeding problems	2	2	FNH 470	Yes	2 - Demonstrate comprehension
h) Complementary and alternative nutrition therapies	1	1	FNH 475	Yes	1 - Demonstrate broad knowledge
14. Pharmacology	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Drug classifications relevant to nutrition and their modes of action	1	2	FNH 470 FNH 475	Yes Yes	1 - Demonstrate broad knowledge 1 - Demonstrate broad knowledge
b) Common medication side effects and contraindications relevant to nutrition	1	2	FNH 470 FNH 475	Yes Yes	1 - Demonstrate broad knowledge 1 - Demonstrate broad knowledge
c) Drug-nutrient interactions	1	2	FNH 470 FNH 475	Yes Yes	1 - Demonstrate broad knowledge 1 - Demonstrate broad knowledge
d) Nutrients and nutraceuticals as pharmacological agents	1	2	FNH 470 FNH 475	Yes Yes	1 - Demonstrate broad knowledge 1 - Demonstrate broad knowledge
e) Natural health products	1	1	FNH 200 FNH 475	Yes Yes	1 - Demonstrate broad knowledge 1 - Demonstrate broad knowledge
15. Population Food Systems and Food Security	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Food production, preparation, processing, distribution and waste management	1	2	LFS 250 FNH 440	Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension
b) Global and local food systems and factors affecting the supply of food	1	3	LFS 250 LFS 350	Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge
c) Sustainable food practices	1	3	LFS 250 LFS 350 FNH 415 FNH 440	Yes Yes Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge 2 - Demonstrate comprehension 2 - Demonstrate comprehension
d) Food markets and marketing of food	1	2	LFS 250 FNH 415 FNH 440	Yes Yes Yes	1 - Demonstrate broad knowledge 2 - Demonstrate comprehension 1 - Demonstrate broad knowledge
e) Factors affecting access to food	2	3	LFS 250 LFS 350 FNH 473	Yes Yes Yes	1 - Demonstrate broad knowledge 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
f) Disaster planning	1	2	FNH 415 FNH 440	Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension
g) Food consumption patterns and trends	2	2	LFS 250 FNH 200 FNH 473	Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension

16. Professional Practice in Dietetics	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Federal, provincial / territorial requirements	2	2	FNH 380	Yes	2 - Demonstrate comprehension
b) Practice in a regulated health profession	2	2	FNH 380	Yes	2 - Demonstrate comprehension
c) Ethical conduct	3	3	FNH 381 FNH 480 LFS 350	Yes Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
d) Reflective practice	2	2	FNH 380 FNH 381 FNH 480	Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension
e) Professional development	1	2	FNH 380 FNH 381 FNH 480	Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension
f) Decision making	2	2	FNH 380 FNH 381 FNH 480	Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension
g) Time and workload management	2	2	FNH 380 FNH 381 FNH 480	Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension
h) Role of research and new knowledge	2	2	FNH 480	Yes	2 - Demonstrate comprehension
i) Technological applications used in practice	1	2	FNH 480	Yes	2 - Demonstrate comprehension
j) Appropriate and secure documentation practices	2	2	FNH 480	Yes	2 - Demonstrate comprehension
k) Strategies for assessing and enhancing approaches to practice	1	1	FNH 381 FNH 480	Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension
l) Advocacy	1	1	FNH 380 FNH 381 FNH 480	Yes Yes Yes	1 - Demonstrate broad knowledge 1 - Demonstrate broad knowledge 1 - Demonstrate broad knowledge
17. Population and Public Health	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Frameworks for population and public health	2	3	FNH 473	Yes	3 - Analyze, interpret and apply knowledge
b) Strategies for public and population health including health promotion, education, advocacy, community development and partnerships	2	3	FNH 473	Yes	3 - Analyze, interpret and apply knowledge
c) Policies, standards and guidelines for public health nutrition	2	3	FNH 473	Yes	3 - Analyze, interpret and apply knowledge
d) Values and philosophy of public and population health	2	3	FNH 473	Yes	3 - Analyze, interpret and apply knowledge
e) Program planning in public and population health	2	3	FNH 473	Yes	3 - Analyze, interpret and apply knowledge
f) The determinants of health	2	3	FNH 473	Yes	3 - Analyze, interpret and apply knowledge

18. Research and Evaluation	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Theoretical foundations of research	2	2	FNH 398	Yes	2 - Demonstrate comprehension
b) Qualitative, quantitative and mixed methodologies	2	2	FNH 398	Yes	2 - Demonstrate comprehension
c) Ethics in research	2	2	FNH 398	Yes	2 - Demonstrate comprehension
d) Evidence-informed practice	2	3	FNH 398 FNH 371 FNH 473	Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge
e) Literature search strategies	2	3	FNH 398 FNH 473	Yes Yes	3 - Analyze, interpret and apply knowledge 2 - Demonstrate comprehension
f) Systematic review and critical appraisal of literature	2	3	FNH 398 FNH 371 FNH 473	Yes Yes Yes	3 - Analyze, interpret and apply knowledge 2 - Demonstrate comprehension 2 - Demonstrate comprehension
g) Use of technology to seek and manage information	3	3	FNH 398 FNH 475	Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge
19. Social and Psychological Foundations	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Behavioural theories relevant to eating and food choice	2	2	FNH 473	Yes	2 - Demonstrate comprehension
b) Social and psychological aspects of eating and food choice, in health and disease	2	2	FNH 473 FNH 371	Yes Yes	1 - Demonstrate broad knowledge 2 - Demonstrate comprehension
c) Relationship between mental health and nutrition	1	2	FNH 380 FNH 381 FNH 371 FNH 475	Yes Yes Yes Yes	1 - Demonstrate broad knowledge 1 - Demonstrate broad knowledge 1 - Demonstrate broad knowledge 2 - Demonstrate comprehension
d) Social justice, diversity and equity in society	2	2	FNH 380 FNH 381 FNH 473	Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension
e) Cultural competence	2	2	LFS 250 FNH 380	Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension
20. Teaching and Learning	COGNITIVE COMPLEXITY LEVEL REQUIREMENT	COGNITIVE COMPLEXITY LEVEL ACHIEVED	COURSES	COVERED IN LEARNING OUTCOMES/COURSE MATERIALS	COGNITIVE COMPLEXITY LEVEL ACHIEVED BY COURSE
a) Theories of teaching and learning	2	2	FNH 381 FNH 473 FNH 480	Yes Yes Yes	2 - Demonstrate comprehension 2 - Demonstrate comprehension 2 - Demonstrate comprehension
b) Strategies to assess teaching and learning needs	2	3	FNH 381 FNH 480	Yes Yes	2 - Demonstrate comprehension 3 - Analyze, interpret and apply knowledge
c) Development and assessment of learning outcomes	2	3	FNH 381 FNH 480	Yes Yes	3 - Analyze, interpret and apply knowledge 3 - Analyze, interpret and apply knowledge

d) Strategies to address the teaching and learning needs of individuals and populations	2	2	FNH 381	Yes	2 - Demonstrate comprehension
			FNH 480	Yes	2 - Demonstrate comprehension
e) Learning resource selection and development	2	3	FNH 381	Yes	2 - Demonstrate comprehension
			FNH 480	Yes	3 - Analyze, interpret and apply knowledge