

# 2019-2020 Graduate Calendar

---

The information published in this Graduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2019-2020 academic year, including the Summer Semester 2019, Fall Semester 2019 and the Winter Semester 2020.

For your convenience the Graduate Calendar is available in PDF format.

If you wish to link to the Graduate Calendar please refer to the Linking Guidelines.

The University is a full member of:

- Universities of Canada

Contact Information:

University of Guelph  
Guelph, Ontario, Canada  
N1G 2W1  
519-824-4120

Revision Information:

Date	Description
May 1, 2019	Initial Publication
June 28, 2019	Revision 1
September 2, 2019	Revision 2
December 10, 2019	Revision 3
January 28, 2020	Revision 4

The logo of the University of Guelph, featuring the words "UNIVERSITY" and "of GUELPH" in a stylized, serif font. The "of" is smaller and positioned between "UNIVERSITY" and "GUELPH".The tagline "CHANGING LIVES IMPROVING LIFE" in a bold, sans-serif font, with "CHANGING LIVES" on the top line and "IMPROVING LIFE" on the bottom line.

## Disclaimer

---

The Office of Graduate and Postdoctoral Studies has attempted to ensure the accuracy of this on-line Graduate Calendar. However, the publication of information in this document does not bind the university to the provision of courses, programs, schedules of studies, fees, or facilities as listed herein.

## Limitations

---

The University of Guelph reserves the right to change without notice any information contained in this calendar, including any rule or regulation pertaining to the standards for admission to, the requirements for the continuation of study in, and the requirements for the granting of degrees or diplomas in any or all of its programs.

The university will not be liable for any interruption in, or cancellation of, any academic activities as set forth in this calendar and related information where such interruption is caused by fire, strike, lock-out, inability to procure materials or trades, restrictive laws or governmental regulations, actions taken by the faculty, staff or students of the university or by others, civil unrest or disobedience, Public Health Emergencies, or any other cause of any kind beyond the reasonable control of the university.

The University of Guelph reaffirms section 1 of the Ontario Human Rights Code, 1981, which prohibits discrimination on the grounds of race, ancestry, place of origin, colour, ethnic origin, citizenship, creed, sex, sexual orientation, handicap, age, marital status or family status.

The university encourages applications from women, aboriginal peoples, visible minorities, persons with disabilities, and members of other under-represented groups.

# Introduction

---

## Collection, Use and Disclosure of Personal Information

---

Personal information is collected under the authority of the University of Guelph Act (1964), and in accordance with Ontario's Freedom of Information and Protection of Privacy Act (FIPPA) [http://www.e-laws.gov.on.ca/DBLaws/Statutes/English/90f31\\_e.htm](http://www.e-laws.gov.on.ca/DBLaws/Statutes/English/90f31_e.htm). This information is used by University officials in order to carry out their authorized academic and administrative responsibilities and also to establish a relationship for alumni and development purposes. Certain personal information is disclosed to external agencies, including the Ontario Universities Application Centre, the Ministry of Advanced Education and Skills Development, and Statistics Canada, for statistical and planning purposes, and is disclosed to other individuals or organizations in accordance with the Office of Registrarial Services Departmental Policy on the Release of Student Information. For details on the use and disclosure of this information call the Office of Registrarial Services at the University at (519) 824-4120 or see <https://www.uoguelph.ca/registrar/>

## Statistics Canada - Notification of Disclosure

---

For further information, please see Statistics Canada's web site at <http://www.statcan.gc.ca> and Section XIV Statistics Canada.

## Address for University Communication

---

Depending on the nature and timing of the communication, the University may use one of these addresses to communicate with students. Students are, therefore, responsible for checking all of the following on a regular basis:

### Email Address

---

The University issued email address is considered an official means of communication with the student and will be used for correspondence from the University. Students are responsible for monitoring their University-issued email account regularly.

### Home Address

---

Students are responsible for maintaining a current mailing address with the University. Address changes can be made, in writing, through Registrarial Services.

## Name Changes

---

The University of Guelph is committed to the integrity of its student records, therefore, each student is required to provide either on application for admission or on personal data forms required for registration, their complete, legal name. Any requests to change a name, by means of alteration, deletion, substitution or addition, must be accompanied by appropriate supporting documentation.

## Student Confidentiality and Release of Student Information Policy Excerpt

---

The University undertakes to protect the privacy of each student and the confidentiality of their record. To this end the University shall refuse to disclose personal information to any person other than the individual to whom the information relates where disclosure would constitute an unjustified invasion of the personal privacy of that person or of any other individual. All members of the University community must respect the confidential nature of the student information which they acquire in the course of their work.

Complete policy at <https://www.uoguelph.ca/secretariat/office-services/university-secretariat/university-policies>.

# Learning Outcomes

---

## Graduate Degree Learning Outcomes

---

On May 27, 2013, the University of Guelph Senate approved the following five University-wide Learning Outcomes as the basis from which to guide the development of graduate degree programs, specializations and courses:

1. Critical and Creative Thinking
2. Literacy
3. Global Understanding
4. Communication
5. Professional and Ethical Behaviour

These learning outcomes are also intended to serve as a framework through which our educational expectations are clear to students and the broader public; and to inform the process of outcomes assessment through the quality assurance process (regular reviews) of programs and departments.

An on-line guide to the learning outcomes, links to the associated skills, and detailed rubrics designed to support the development and assessment of additional program and discipline-specific outcomes, are available for reference on the [Learning Outcomes website](#)

### Critical and Creative Thinking

---

Critical and creative thinking is a concept in which one applies logical principles, after much inquiry and analysis, to solve problems with a high degree of innovation, divergent thinking and risk taking. Those mastering this outcome show evidence of integrating knowledge and applying this knowledge across disciplinary boundaries. Depth and breadth of understanding of disciplines is essential to this outcome. At the graduate level, originality in the application of knowledge (master's) and undertaking of research (doctoral) is expected.

In addition, Critical and Creative Thinking includes, but is not limited to, the following outcomes: Independent Inquiry and Analysis; Problem Solving; Creativity; and Depth and Breadth of Understanding.

### Literacy

---

Literacy is the ability to extract information from a variety of resources, assess the quality and validity of the material, and use it to discover new knowledge. The comfort in using quantitative literacy also exists in this definition, as does using technology effectively and developing visual literacy.

In addition, Literacy includes, but is not limited to, the following outcomes: Information Literacy, Quantitative Literacy, Technological Literacy, and Visual Literacy.

### Global Understanding

---

Global understanding encompasses the knowledge of cultural similarities and differences, the context (historical, geographical, political and environmental) from which these arise, and how they are manifest in modern society. Global understanding is exercised as civic engagement, intercultural competence and the ability to understand an academic discipline outside of the domestic context.

In addition, Global Understanding includes, but is not limited to, the following outcomes: Global Understanding, Sense of Historical Development, Civic Knowledge and Engagement, and Intercultural Competence.

### Communication

---

Communication is the ability to interact effectively with a variety of individuals and groups, and convey information successfully in a variety of formats including oral and written communication. Communication also comprises attentiveness and listening, as well as reading comprehension. It includes the ability to communicate and synthesize information, arguments, and analyses accurately and reliably.

In addition, Communication includes, but is not limited to, the following outcomes: Oral Communication, Written Communication, Reading Comprehension, and Integrative Communication.

### Professional and Ethical Behaviour

---

Professional and ethical behaviour requires the ability to accomplish the tasks at hand with proficient skills in teamwork and leadership, while remembering ethical reasoning behind all decisions. The ability for organizational and time management skills is essential in bringing together all aspects of managing self and others. Academic integrity is central to mastery in this outcome. At the graduate level, intellectual independence is needed for professional and academic development and engagement.

In addition, Professional and Ethical Behaviour includes, but is not limited to, the following outcomes: Teamwork, Ethical Reasoning, Leadership, Personal Organization and Time Management, and Intellectual Independence.

# Table of Contents

<b>Family Relations and Applied Nutrition .....</b>	<b>88</b>
Canadian Police Information Check .....	88
Administrative Staff .....	88
Graduate Faculty .....	88
Associated Graduate Faculty .....	88
MSc Program .....	88
MAN Program .....	90
PhD Program .....	90
Collaborative Specializations .....	91
Courses .....	91

## Family Relations and Applied Nutrition

The Department of Family Relations and Applied Nutrition offers MSc and PhD level graduate study in three fields: 1) applied human nutrition; 2) family relations and human development; and 3) couple and family therapy.

- **Applied Human Nutrition (MSc, PhD)** This field incorporates both physiological and behavioural aspects of human nutrition and spans all age groups in its focus on the role of nutrition in human health and well-being. Faculty have specific interests in clinical and community nutrition, physical activity, nutrition assessment, education, health services research, inter-professional practice and epidemiology. This field of study provides a strong foundation in research and nutrition methodology through required courses and thesis work.
- **Family Relations and Human Development (MSc, PhD)** This field of study emphasizes a balance between theory, empirical research and practice in graduate training. Students have many options for building an individualized program of study combining coursework and thesis research. Building on core theory and methodology courses, students choose from professional and applied courses as well as courses on specialized topics. The area of study has particular strengths in the following areas: child and adolescent development, parent-child and family relations, human sexuality, culture, adult development and gerontology, well-being, evidence-based practice, and social policy.
- **Couple and Family Therapy (MSc)** This competency-based program is both a Recognized Education and Training Program with the College of Registered Psychotherapists of Ontario and accredited by the Commission on Accreditation for Marriage and Family Therapy Education of the American Association for Marriage and Family Therapy. The field of study is intensive and focuses on theory, research and clinical practice. The curriculum is designed to produce sophisticated therapists and scholars by integrating contemporary theory, research competence, and systemic approaches to therapy in the understanding and treatment of couples, families, and individuals. This integrated program combines high professional practice standards and ethical conduct, with attention to broader social issues that impact couples and families, and places emphasis on issues of diversity, power and privilege.

An accredited Master of Applied Nutrition (MAN) professional degree program is also offered. Current and prospective graduate students are also directed to the [department website](#). The inter-disciplinary faculty in the department have expertise in psychology, sociology, sexuality, adult development, education, social work, culture, family therapy, nutrition and physical activity. The overarching theme of the work in the department is enhancing lives through science and practice. The faculty share a common interest in expanding and applying knowledge about family relations and human development, especially in relation to the social, emotional, psychological, nutritional, and economic well-being of families across the life cycle. Graduate programs with an emphasis on nutrition and metabolism are available in the Department of Human Health and Nutritional Sciences; those with an emphasis on animal nutrition are available in the Department of Animal Biosciences.

### Canadian Police Information Check

Various ministries within the Government of Ontario require that current criminal reference checks be completed for all students, volunteers and successful candidates for employment who care for, or provide service to, children or vulnerable adults. Students enrolled in practica or field placement courses will be required to submit to the agency with which they are placed, personal information about any criminal convictions and pending criminal charges. The cost of acquiring this criminal reference check from the student's local police department (Canadian Police Information Check) will be the responsibility of each student. Applicants to the MSc in the field of Couple and Family Therapy must submit the original results of this check to the Department of Family Relations and Applied Nutrition prior to beginning in September.

### Administrative Staff

#### Chair

Clare MacMartin (245 MINS, Ext. 52419)  
cmacmart@uoguelph.ca

#### Graduate Program Coordinator

Tricia van Rhijn (215 MINS, Ext. 52412)  
tricia.vanrhijn@uoguelph.ca

#### Graduate Program Assistant

Shauna Porter (MINS 249, Ext. 53968)  
fran.graduate@uoguelph.ca

### Graduate Faculty

#### Kim Anderson

BA, MA Toronto, PhD Guelph - Associate Professor

#### Lynda M. Ashbourne

BSc McMaster, MSc, PhD Guelph - Associate Professor

#### John M. Beaton

BA Wilfrid Laurier, MDiv Tyndale Theological Seminary, MSc Guelph, PhD Minnesota - Associate Professor

#### Paula M. Brauer

BHE British Columbia, MS Wisconsin, PhD Toronto - Associate Professor

#### Andrea Breen

BEd McGill, Ed M Harvard, PhD Toronto - Associate Professor

#### Andrea Buchholz

BAA Ryerson, MSc Guelph, PhD Toronto - Professor

#### Gwenneth Chapman

BSHEC Saskatchewan, MSc, PhD Toronto - Professor and Dean, College of Social and Applied Human Sciences

#### Susan S. Chuang

BSc, Toronto, MSc, MSc, PhD Rochester - Associate Professor

#### John Dwyer

BA Western Ontario, BEd Memorial, MA Western Ontario, PhD Saskatchewan - Associate Professor

#### Dalia El Khoury

BSc American University of Beirut, MSc American University of Beirut, PhD University of Pierre and Marie Curie (Paris VI) - Assistant Professor

#### Laura Forbes

BSc Acadia, PhD Alberta - Assistant Professor

#### Jess Haines

BSc Western Ontario, MHSc Toronto, PhD Minnesota - Associate Professor

#### Leon Kuczynski

BSc, MA, PhD Toronto - Professor

#### Tuuli M. Kukkonen

BA Concordia, PhD McGill - Associate Professor

#### Clare MacMartin

BSc, MA Toronto, PhD Guelph - Associate Professor and Department Chair

#### Scott B. Maitland

BSc Buffalo State College, MSc, PhD Pennsylvania State - Associate Professor and Graduate Program Coordinator

#### Robin R. Milhausen

BA, MSc Guelph, PhD Indiana - Professor

#### Ruth Neustifter

BA Syracuse, MSSW-MFT Louisville, PhD Georgia - Associate Professor

#### Michele Freyde

BSW Windsor, MSW Wayne State, PhD Toronto - Associate Professor

#### Carla Rice

BA Harvard, MEd Toronto, PhD York - Professor and Canada Research Chair

#### Olga Smoliak

BA, MA Trinity Western, PhD Calgary - Associate Professor

#### Hannah Tait Neufeld

BASc Guelph, MSc, PhD Manitoba - Assistant Professor

#### Tricia van Rhijn

BASc, MSc, PhD Guelph - Associate Professor

#### Kimberley Wilson

BASc Guelph, MSW Toronto, PhD Guelph - Assistant Professor

### Associated Graduate Faculty

#### Donna S. Lero

BA SUNY at Stony Brook, NY, MS, PhD Purdue - Retired Faculty, Family Relations and Applied Nutrition, University of Guelph

### MSc Program

The Department of Family Relations and Applied Nutrition offers an MSc graduate program in three fields: 1) applied human nutrition; 2) family relations and human development; and 3) couple and family therapy.

### Admission Requirements

General admission requirements for these fields of study include an honours degree or equivalent with an average at least 75% in the last two years of study (or 20 credits).

### Applied Human Nutrition

Admission requirements for the MSc program in the field of Applied Human Nutrition are most easily satisfied by applicants with honours degrees in human nutrition, and food and nutrition. Applicants with degrees in related fields (e.g., nutritional sciences, psychology, kinesiology, food science) may be considered with suitable make-up work in core areas. Credit in the following undergraduate courses is required by all entering students: 1) a one-semester course in applied statistics (minimum grade of 75%) and 2) a one-semester course in research methods (minimum grade of 75%). MSc AHN students must also have taken prior to beginning the MSc program OR will take during the MSc program, undergraduate and/or graduate courses needed to meet foundational knowledge in applied human nutrition. These courses may include, but are not limited to: introductory to human nutrition, human physiology, psychology, communications/counselling, and human development/sociology. These requirements may be in progress at the time of application. Program offices should be consulted for admission deadlines.

## Family Relations and Human Development

Admission requirements for the MSc program in the field of Family Relations and Human Development can be satisfied by applicants with an honours degree or equivalent, in a related field. Credit in the following undergraduate courses is required of all entering students: 1) a one-semester course in applied statistics (minimum grade of 75%) and 2) a one-semester course in social-science research methods (minimum grade of 75%). These requirements may be in progress at the time of application. Program offices should be consulted for admission deadlines.

NOTE: Department policy does not permit transfer applications from graduate students registered in the MSc in Family Relations and Human Development into the MSc in Couple and Family Therapy.

### Couple and Family Therapy

Admission requirements for the MSc program in the field of Couple and Family Therapy can be satisfied by applicants with an honours degree or equivalent, in a related field. Credit in the following undergraduate courses is required of all entering students: 1) a one-semester course in applied statistics (minimum grade of 70%) and 2) a one-semester course in social-science research methods (minimum grade of 70%). These requirements may be in progress at the time of application but must be completed by April 30. Program offices should be consulted for admission deadlines.

NOTE: Department policy does not permit transfer applications from graduate students registered in the MSc in Family Relations and Human Development into the MSc in Couple and Family Therapy

Relevant work and/or volunteer experience is an asset. The application must include an Overview of Professional Experience and Plans discussing the applicant's motivation for Couple and Family Therapy graduate education (maximum 3 typed pages). There is no need for CFT applicants to choose an advisor prior to making the application. Selected applicants are invited for an interview, and will have the opportunity to speak with potential CFT faculty advisors at that time. Applicants for the thesis stream only must also submit a Statement of Academic/Research Intent - a detailed, referenced, research plan outlining the relevance of the topic, the connection to faculty research interests and the specific research questions. Also for thesis applicants only, research advisors can be CFT faculty or faculty from the broader department. While CFT faculty do not have research discussions with thesis applicants prior to the application and selection process, thesis applicants can make prior contact with a potential research advisor in the Department if this is deemed an appropriate fit to the applicant's research interests.

The American Association of Marriage and Family Therapy (AAMFT) encourages applications from qualified students who are members of identified minorities. Scholarship aid is available to minority students on a competitive basis from AAMFT.

The most qualified applicants will be short-listed and invited to attend a half-day interview with the Couple and Family Therapy faculty. Participation in the interview is required for admission. Applications from outside of Canada are welcome and external interviewing is appropriately explored. Program offices should be consulted for admission deadlines. Prior to beginning graduate studies in CFT, admitted students must submit a current police record check (CPIC - Canadian Police Information Check) from their local police department.

## Program Requirements

### Applied Human Nutrition

For all students in the MSc program in the field of Applied Human Nutrition, a minimum of 2.25 graduate credits will be chosen in consultation with the student's advisor and advisory committee including:

FRAN*6000	[0.50]	Quantitative Research Methods
FRAN*6010	[0.50]	Applied Statistics
FRAN*6020	[0.50]	Qualitative Research Methods
FRAN*6550	[0.25]	Research Seminar

One additional [0.5] graduate elective course such as FRAN\*6610 (Advances in Clinical Nutrition/Assessment I), FRAN\*6510 (Nutrition in the Community or another graduate level elective course related to the student's research specialization. It can be taken within Family Relations and Applied Nutrition or in other academic units of the university.

Students who enter the MSc-AHN program from a non-nutrition undergraduate program will also be required to take those undergraduate and/or graduate courses necessary to meet foundational knowledge in applied human nutrition. In addition, students must complete a research thesis.

### Family Relations and Human Development

For all students in the MSc program in the field of Family Relations and Human Development, a total of 3.75 credits will be chosen in consultation with the student's advisor and advisory committee.

Core courses include:

FRAN*6000	[0.50]	Quantitative Research Methods
FRAN*6010	[0.50]	Applied Statistics
FRAN*6020	[0.50]	Qualitative Research Methods
FRAN*6340	[0.50]	Interdisciplinary Perspectives in Family Relations and Human Development
FRAN*6330	[0.25]	Research Seminar

In addition, students must complete a research thesis and are required to take a minimum of three (3) additional elective graduate courses (1.5 credits) related to their program of study.

### Couple and Family Therapy

The intensive curriculum in Couple and Family Therapy has been designed to enable students to achieve an integration of theory, practice, and research. Clinical training in the MSc in CFT is guided by a systemic perspective, with emphasis on narrative, solution oriented, emotionally-focused and dialogic approaches. Attention to issues of gender, race, class, ethnicity, sexual identity, and culture as well as experiences of oppression and abuse are infused through all aspects of the curriculum.

Students are expected to develop competence in research. Students may choose to write a thesis, by conducting a research study, or they may choose the major research paper (non-thesis) option, and write a critical paper on a selected clinical topic. The thesis option is recommended for those students intending to pursue PhD studies at the University of Guelph or elsewhere. Thesis students will take additional courses to support their thesis research project (see the courses in the list below). Students completing the degree by the non-thesis option, take FRAN\*6350, Major Paper.

Clinical training consists of four continuous practica (FRAN\*6090) within the on-site Couple and Family Therapy Centre, plus an externship in a community agency (FRAN\*6095). Each onsite practicum requires roughly 300 hours of student engagement (direct and indirect client service, supervision, and class time) over the semester. The externship is 350-400 hours over the semester and requires students to travel up to 100 km to an agency where they will complete the remaining hours required for completion of the program. Prior to graduation the CFT student must accumulate 500 hours of direct therapy work with clients, with at least 250 hours (of the 500 hours) working with couples and/or families. Each practicum student receives a minimum of one hour of individual supervision for every five hours of client in-session contact. In addition, each student participates in a weekly supervision group with a student to supervisor ratio of no more than 8:1. Supervision modalities include live supervision, live observation, video/audio-observation, and case consultation. All program faculty are Clinical Members and Approved Supervisors or Supervisor Candidates of the American Association for Marriage and Family Therapy (AAMFT).

For all students in the MSc in the field of Couple and Family Therapy, a minimum of 9.25 graduate credits are required, including the following:

FRAN*6070	[0.50]	Sexual Issues and Clinical Interventions Across the Life Span
FRAN*6080	[0.50]	Power Relations and Diversity in CFT
FRAN*6090	[1.00]	Practicum in Couple and Family Therapy* *
FRAN*6095	[1.00]	Externship in Couple and Family Therapy
FRAN*6100	[0.50]	Clinical Issues in Couple and Family Therapy* *
FRAN*6120	[0.50]	Theories and Methods of Family Therapy I
FRAN*6130	[0.50]	Theories and Methods of Family Therapy II
FRAN*6140	[0.50]	Professional Issues
FRAN*6160	[0.50]	Introduction to Systemic Practice in Couple and Family Therapy
FRAN*6180	[0.50]	Research Issues in Couple and Family Therapy

### Note

\* Students take FRAN\*6090 and FRAN\*6100 four times throughout their course of study. As such, each course totals 2.0 credits.

In addition to the above required courses, students take one restricted elective (0.50 credits) in the area of human or lifespan development. Course options for this restricted elective may include:

FRAN*6200	[0.50]	Special Topics in Family Relations and Human Development *
FRAN*6310	[0.50]	Family Relationships Across the Life Span
FRAN*6320	[0.50]	Human Sexuality Across the Life Span
FRAN*6340	[0.50]	Interdisciplinary Perspectives in Family Relations and Human Development
FRAN*6370	[0.50]	Social Development During Childhood and Adolescence

### Note

\* The special topic of FRAN\*6200 must meet the COAMFTE criteria for individual development and family relations.

**In addition, for Quantitative thesis students:** Three additional courses are required:

FRAN*6330	[0.25]	Research Seminar
FRAN*6000	[0.50]	Quantitative Research Methods
FRAN*6010	[0.50]	Applied Statistics

**For Qualitative thesis students:** Two additional courses are required:

FRAN*6330	[0.25]	Research Seminar
FRAN*6020	[0.50]	Qualitative Research Methods

**For non-thesis students:** One additional course is required:

FRAN\*6350 [1.00] Major Research Paper

Upon completion of the requirements for the emphasis in Couple and Family Therapy, the student will receive an MSc. The transcript will specify Family Relations and Human Development: Couple and Family Therapy.

## MAN Program

The Master of Applied Nutrition program comprises one year (3 semesters) of graduate course work and competency-based practica. The program is designed to meet the professional practice requirements for becoming a registered dietitian and to foster practice-based research skills development.

Students take graduate courses in the three broad areas of competency required for practice: foodservice management, clinical/assessment and community nutrition. These courses focus on the latest research in these fields and provide strong theoretical underpinnings for professional practice. Students increase their knowledge of the field while enhancing their skills in three areas: the research process, critical appraisal and communication. Assignments in the courses apply theories to practice in real-life situations.

This dietetic education program is an accredited program recognized by the Partnership for Dietetic Education and Practice (PDEP) and prepares students for eligibility for registration with a provincial dietetics regulatory body. Completion of the PDEP integrative competencies qualify a graduate to write the Canadian Dietetic Registration Examination (CDRE). The course work and practicum options permit the pursuit of interests in the various areas of dietetic practice, while meeting the required entry-level dietetic competencies. Students are charged a practicum fee for each semester of the program, in addition to the University academic and non-academic fees.

## Admission Requirements

Students applying to the Master of Applied Nutrition program must have an honours degree within the previous three years from a dietetic program accredited by PDEP. Applicants should have a minimum average of at least 75% in the last two years of their undergraduate program. Credit in the following courses is required prior to beginning the program: 1) a one-semester course in applied statistics (minimum grade of 75%) and 2) a one-semester course in research methods (minimum grade of 75%). These requirements may be in progress at the time of application but must be completed by April 30.

All applications will be reviewed by a selection committee of Applied Human Nutrition (AHN) graduate faculty and staff. An interview committee will meet with the most qualified applicants, rank the candidates and forward recommendations for admission to the Office of Graduate & Postdoctoral Studies. Program offices should be consulted for admission deadlines.

## Program Requirements

For all students in the MAN program, a minimum of 6.5 graduate credits are required, including the following required courses:

FRAN*6510	[0.50]	Nutrition in the Community
FRAN*6610	[0.50]	Advances in Clinical Nutrition/Assessment I
FRAN*6710	[1.50]	Practicum in Applied Human Nutrition I
FRAN*6720	[1.50]	Practicum in Applied Human Nutrition II
FRAN*6730	[1.50]	Practicum in Applied Human Nutrition III
FRAN*6740	[0.50]	Foodservice Management in Healthcare
FRAN*6750	[0.50]	Final Project in Applied Human Nutrition

Graduates who have completed all required competencies successfully can apply to write the Canadian Dietetic Registration Examination (CDRE) and apply for membership in the College of Dietitians of Ontario (CDO).

## PhD Program

The Department of Family Relations and Applied Nutrition offers a PhD graduate program in two fields: 1) applied human nutrition; and 2) family relations and human development.

The PhD program in the field of Applied Human Nutrition is a course of study with a strong research focus involving biological, epidemiological and/or social-science perspectives, typically completed within four years (12 semesters). Each student works closely with an advisory committee in developing an individualized program of study that provides depth and addresses the student's specific research and professional goals.

The PhD program in the field of Family Relations and Human Development is a course of study with a strong research focus, typically completed within four years (12 semesters). Each student works closely with an advisory committee to develop an individualized course of study that provides depth and addresses the student's specific research and professional goals. Building on core theory and methodology courses, students choose from professional and applied courses as well as courses on specialized topics. The PhD in FRHD has particular strengths in the following areas: child and adolescent development, parent-child and family relations, human sexuality, culture and acculturation, adult development and gerontology, evidence-based practice, well-being, and social policy.

NOTE: Students enrolled in the MSc program in the fields of Applied Human Nutrition or Family Relations and Human Development are not automatically considered for the respective PhD program; a formal application is required for those wishing admission. All applications are evaluated with reference to academic, research, and professional experience with particular emphasis on research background and potential.

## Admission Requirements

### Applied Human Nutrition

Students applying to the PhD program in the field of Applied Human Nutrition should have an MSc degree (or in progress) in human nutrition or a related field. Credit in the following courses is required prior to beginning the program: 1) a one-semester course in applied statistics (minimum grade of 75%) and 2) a one-semester course in research methods (minimum grade of 75%); PhD-AHN students must also have taken prior to beginning the PhD program OR will take during the PhD program, undergraduate and/or graduate courses needed to meet foundational knowledge in applied human nutrition. These courses may include, but are not limited to: introductory human nutrition, human physiology, psychology, communications/counselling, and human development/ sociology. A master's thesis is normally required for admission. These requirements may be in progress at the time of application.

### Family Relations and Human Development

Students applying to the PhD program in the field of Family Relations and Human Development should have an MSc degree (or in progress) in Family Relations and Human Development or a closely related degree program (e.g., human development, gerontology, psychology, sociology, couple and family therapy, social work). Credit in the following courses is required prior to beginning the program: 1) a one-semester course in applied statistics (minimum grade of 75%) and, 2) a one-semester course in research methods (minimum grade of 75%). A master's thesis is normally required for admission. These requirements may be in progress at the time of application.

## Program Requirements

### Applied Human Nutrition

PhD students in Applied Human Nutrition are required to take a minimum of 1.75 graduate credits including FRAN\*6550 (0.25) Research Seminar and three additional graduate courses [0.5 credits each] chosen in consultation with the student's advisory committee such as but not limited to:

FRAN*6440	[0.50]	Applied Factor Analysis & Structural Equation Modelling
FRAN*6610	[0.50]	Advances in Clinical Nutrition/Assessment I
FRAN*6510	[0.50]	Nutrition in the Community

and/or other graduate elective courses, which may be taken within Family Relations and Applied Nutrition or in other academic units of the university.

NOTE: Students who do not have a Master's degree awarded by the Department of Family Relations and Applied Nutrition or from another comparable program, will be required to take additional relevant statistics and/or methods courses (FRAN\*6000, FRAN\*6010 and/or FRAN\*6020) offered by the department as part of their graduate program. Students who enter the PhD-AHN program from a non-nutrition undergraduate or MSc program will also be required to take additional undergraduate and/or graduate courses necessary to meet foundational knowledge in applied human nutrition.

Students must also complete a research thesis.

### Family Relations and Human Development

PhD students in Family Relations and Human Development are required to take a minimum of 3.25 credits that build a foundation for their research and/or practice:

FRAN*6000	[0.50]	Quantitative Research Methods
FRAN*6010	[0.50]	Applied Statistics
FRAN*6020	[0.50]	Qualitative Research Methods
FRAN*6440	[0.50]	Applied Factor Analysis & Structural Equation Modelling
FRAN*6340	[0.50]	Interdisciplinary Perspectives in Family Relations and Human Development
FRAN*6280	[0.50]	Theorizing in Family Relations and Human Development
FRAN*6330	[0.25]	Research Seminar

Most students take additional elective graduate courses related to their program of study. The student's selection of elective courses is primarily determined by research specialization. Each student works closely with an advisory committee in developing an individualized program of study by selecting courses that not only provide for interdisciplinary breadth but also address the student's specific research and professional goals. Each of the emphases also indicates areas of research that reflect current faculty interests and is intended to help students define an area of research and study.

Students must also complete a research thesis.



## Collaborative Specializations

### International Development Studies

The Department of Family Relations and Applied Nutrition participates in the MSc and PhD collaborative specialization in International Development Studies (IDS). Please consult the International Development Studies listing for a detailed description of the collaborative specialization including the special additional requirements for each of the participating departments. Applications are part of the general MSc or PhD application and applicants apply directly to the Department of Family Relations and Applied Nutrition. In addition to the FRAN MSc or PhD requirements, IDS applicants are expected to have a strong background in the social sciences, a demonstrable track record of experience in the course-based study of development issues, development research and/or development practice and a stated research interest relating to international or national development. The IDS designation also requires two core courses in international development theory and research methods. IDS graduates hold positions in government in Canada and abroad with NGOs, international organizations and private consultancies.

## Courses

### Family Relations and Applied Nutrition

#### FRAN\*6000 Quantitative Research Methods F [0.50]

This course includes critical appraisal of the research literature. Research ethics, subject selection, measurement issues, survey design, experimental and quasi-experimental designs, cross-sectional and longitudinal designs, scale development, questionnaire development and sampling strategies are discussed.

*Department(s):* Department of Family Relations and Applied Nutrition

#### FRAN\*6010 Applied Statistics F [0.50]

Students will learn conceptual and practical applications of statistical analyses with emphasis on hypothesis formation, data screening, test selection, inferential statistics, univariate and multivariate analysis of variance/covariance (including repeated measures designs), simple and multiple regression, logistic regression, regression diagnostics, model building and path analytic techniques. FRAN\*6000 can be taken before or while taking this course.

*Restriction(s):* Consent required for non- FRAN students.

*Department(s):* Department of Family Relations and Applied Nutrition

#### FRAN\*6020 Qualitative Research Methods W [0.50]

This course teaches students how to use qualitative methods as a mode of inquiry for understanding issues in human development, nutrition and family relationships. The emphasis is on project design, data collection techniques, analysis strategies and procedures for final write-up.

*Department(s):* Department of Family Relations and Applied Nutrition

#### FRAN\*6440 Applied Factor Analysis & Structural Equation Modelling U [0.50]

This course introduces students to exploratory factor analysis, confirmatory factor analysis, and structural equation modeling. Topics include: model selection and validation, multiple group models, measurement equivalence/invariance and latent mean analyses. This course is data-driven and students will learn through hands-on analytic experiences accompanied by in-class lectures and readings.

*Offering(s):* Offered in alternate years.

*Prerequisite(s):* FRAN\*6000, FRAN\*6010

*Restriction(s):* Consent required for non- FRAN students.

*Department(s):* Department of Family Relations and Applied Nutrition

### Applied Human Nutrition

#### FRAN\*6510 Nutrition in the Community W [0.50]

Concepts and knowledge of nutrition as applied in community and public health nutrition. Examination of current programs in applied nutrition.

*Restriction(s):* Consent required for non-FRAN students.

*Department(s):* Department of Family Relations and Applied Nutrition

#### FRAN\*6550 Research Seminar U [0.25]

Research literature in applied nutrition. Registration for this course occurs in semester 5 for MSc students and semester 7 for PhD students. Students attend weekly seminars in each of the Fall and Winter semesters of their program of study.

*Department(s):* Department of Family Relations and Applied Nutrition

#### FRAN\*6560 Special Topics in Applied Human Nutrition U [0.50]

Contemporary research and special topics in applied human nutrition. Course content is unique to each offering.

*Restriction(s):* Instructor consent required.

*Department(s):* Department of Family Relations and Applied Nutrition

#### FRAN\*6610 Advances in Clinical Nutrition/Assessment I F [0.50]

An advanced overview of nutritional assessment and clinical nutrition with emphasis on issues relevant to community based and non-acute care settings. Nutrition assessment methods will be discussed in depth along with emerging issues. Emphasis on clinical nutrition will be integration of theory and practice.

*Restriction(s):* For MAN and AHN students only.

*Department(s):* Department of Family Relations and Applied Nutrition

#### FRAN\*6710 Practicum in Applied Human Nutrition I F [1.50]

This course provides a practicum of 3 days per week with a dietetic-related agency or organization to develop and perform dietetic competencies (internship experience). In weekly seminars, students discuss and reflect on theory and dietetic practice issues.

*Restriction(s):* For MAN students only.

*Department(s):* Department of Family Relations and Applied Nutrition

#### FRAN\*6720 Practicum in Applied Human Nutrition II W [1.50]

This course provides a practicum of 3 days per week with a dietetic-related agency or organization to develop and perform dietetic competencies (internship experience). In weekly seminars, students discuss and reflect on theory and dietetic practice issues.

*Prerequisite(s):* FRAN\*6710

*Restriction(s):* For MAN students only.

*Department(s):* Department of Family Relations and Applied Nutrition

#### FRAN\*6730 Practicum in Applied Human Nutrition III S [1.50]

This course provides a practicum of 3 days per week with a dietetic-related agency or organization to develop and perform dietetic competencies (internship experience). In weekly seminars, students discuss and reflect on theory and dietetic practice issues.

*Prerequisite(s):* FRAN\*6720

*Restriction(s):* For MAN students only.

*Department(s):* Department of Family Relations and Applied Nutrition

#### FRAN\*6740 Foodservice Management in Healthcare W [0.50]

Students will critically assess and integrate foodservice management literature and theories to address the multifactorial issues in foodservice operations in healthcare. Case studies presented by expert guests and operational projects will support student synthesis and evaluation of the literature.

*Restriction(s):* For MAN and AHN students only.

*Department(s):* Department of Family Relations and Applied Nutrition

#### FRAN\*6750 Final Project in Applied Human Nutrition S,F,W [0.50]

This supervised project includes a written report and oral presentation of an applied research project or a proposal for a research project, consisting of a literature view, purpose, methodology, and analysis plan. Students register in and work on the project for 3 consecutive semesters.

*Restriction(s):* For MAN students only.

*Department(s):* Department of Family Relations and Applied Nutrition

### Family Relations and Human Development

#### FRAN\*6070 Sexual Issues and Clinical Interventions Across the Life Span S [0.50]

This course examines sexual issues and clinical interventions from a life span perspective. Focusing upon theory, research and clinical interventions it explores the relationship between issues in sexual development and sexual functioning. This course is offered in a one-week intensive format in coordination with the Guelph Sexuality Conference.

*Restriction(s):* Instructor consent required.

*Department(s):* Department of Family Relations and Applied Nutrition

#### FRAN\*6200 Special Topics in Family Relations and Human Development U [0.50]

Contemporary research in family relations and human development. Research topics vary.

*Restriction(s):* Instructor consent required.

*Department(s):* Department of Family Relations and Applied Nutrition

#### FRAN\*6210 Program Evaluation U [0.50]

An examination of the theoretical principles and practical applications of evaluation issues and strategies. Special attention is given to services for children and families across the life span.

*Offering(s):* Offered in alternate years.

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6221 Evidence-Based Practice and Knowledge Translation U [0.50]**

The principles of evidence-based practice are examined using various examples of psychosocial, behavioural and health interventions. The levels of evidence, criteria for efficacy and effectiveness, and the importance and limitations of evidence-based practice will be evaluated. The process of moving knowledge derived from high quality evidence into practice will be appraised throughout the course. Students will have the opportunity to build knowledge in their own areas of interest.

*Offering(s):* Offered in alternate years.

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6260 Practicum in Family Relations and Human Development U [0.50]**

Supervised practicum experience in a variety of agencies or services. Interested students are encouraged to discuss this option with their faculty advisor. Placements are arranged on an individual basis subject to the requirements of students' programs of study and must be negotiated with faculty in advance of registration.

*Offering(s):* Offered in alternate years.

*Restriction(s):* Available to FRAN students only.

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6270 Issues in Family-Related Social Policy U [0.50]**

This course investigates definitions of social policy, comparative family-related social policy, selected issues in Canadian family policy and frameworks for analysis of social policy. Issues in policy-related research are also explored.

*Offering(s):* Offered in alternate years.

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6280 Theorizing in Family Relations and Human Development U [0.50]**

An examination of the meaning of science and theory in relation to the study of families and human development. Included is a discussion of the major social science paradigms including positivism, critical theory, social constructionism and post-modernity. This course is designed for doctoral students.

*Offering(s):* Offered in alternate years.

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6310 Family Relationships Across the Life Span U [0.50]**

Considers theory and research on family and social relationships across the life span. Examples may include: parent-child, sibling, grandparent, couples, etc.

*Offering(s):* Offered in alternate years.

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6320 Human Sexuality Across the Life Span U [0.50]**

This course covers research, theoretical and substantive issues relevant to studying human sexuality across the life span. Topics include: child and adolescent sexuality, sexual identity, sexuality in adulthood and old age, sexual assault, international research and sex education.

*Offering(s):* Offered in alternate years.

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6330 Research Seminar U [0.25]**

Research literature in Family Relations and Human Development. Registration for this course occurs in semester 5 for MSc students and semester 7 for PhD students. Thesis students attend weekly seminars in each of the Fall and Winter semesters of their program of study.

*Restriction(s):* Available to FRAN students only.

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6340 Interdisciplinary Perspectives in Family Relations and Human Development U [0.50]**

This course acquaints students with the diverse disciplinary perspectives used in the study of family relations and human development. Substantive research issues provide a forum for integrating the separate perspectives and understanding the reciprocal relationship between individual and family growth and development.

*Department(s):* Department of Family Relations and Applied Nutrition

**Couple and Family Therapy****Note**

The following courses are taken primarily by students in the Couple and Family Therapy emphasis. A limited number of spaces are available in some courses for students outside the Couple and Family Therapy area.

**FRAN\*6080 Power Relations and Diversity in CFT U [0.50]**

This course provides a foundational review of current perspectives within and outside of the couple and family therapy literature that relate to the intersection of culture (race, ethnicity, class, gender, sexuality, ability, etc.) and oppression. Attention is given to the translation of knowledge about power relations and diversity into practice when working as a couple and family therapist with clients and professional colleagues.

*Restriction(s):* Instructor consent required for non Couple and Family Therapy students.

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6090 Practicum in Couple and Family Therapy\* U [1.00]**

This course features supervised clinical practice in couple and family therapy. It involves regular clinical work with couples, families, and individuals. Students meet with faculty each week for up to six hours of supervision. Supervision over the semester will involve both group and individual/dyadic meetings.

*Restriction(s):* Available only to students in the Couple and Family Therapy field of study

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6095 Externship in Couple and Family Therapy S [1.00]**

This is an advanced clinical practicum in Couple and Family Therapy. Students are placed in a community agency where they accumulate 10-15 hours per week (over 3 days) of direct clinical contact time. All clinical work is supervised by a clinical supervisor on site. Travel to the community agency is usually required.

*Prerequisite(s):* FRAN\*6090

*Restriction(s):* Available only to students in the Couple and Family Therapy field of study

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6100 Clinical Issues in Couple and Family Therapy\* U [0.50]**

This course is taken four times in the two year program of study. Each offering features selected clinical issues; examination of each issue will include the socio-cultural context, theoretical location, and conceptual and practical implications for couple and family therapy.

*Restriction(s):* Available only to students in the Couple and Family Therapy field of study.

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6120 Theories and Methods of Family Therapy I W [0.50]**

This course will offer an historical perspective on the development of the field of couple and family therapy beginning with family systems therapy, through intergenerational models, to current constructionist approaches. Intervention methods consistent with these conceptual frameworks are examined.

*Offering(s):* Offered in alternate years.

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6130 Theories and Methods of Family Therapy II F [0.50]**

This course explores clinical theory and methods associated with structural, strategic and solution focused models of couple and family therapy. Feminist perspectives and approaches are used to examine power and gender dynamics in therapy.

*Offering(s):* Offered in alternate years.

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6140 Professional Issues U [0.50]**

An exploration of ethics in couple and family therapy; legal issues in the practice of family therapy; and professional issues regarding identity, licensure and practice.

*Restriction(s):* Instructor consent required for non Couple and Family Therapy students.

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6160 Introduction to Systemic Practice in Couple and Family Therapy F [0.50]**

An exploration of family process to understand diversity in family structures and functioning from a systemic conceptual framework. Applied activities in the associated tutorial section focus on developing basic communication, observational, and therapy skills. Student participation in small learning groups supports skill development and integration of theory and practice.

*Restriction(s):* Available only to students in the Couple and Family Therapy field of study

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6180 Research Issues in Couple and Family Therapy F [0.50]**

The focus of this course is on research in Couple & Family Therapy, including issues related to evidence-based practice, therapeutic outcome, and therapeutic process. A selected review of quantitative and qualitative research methods and exemplary research is included.

*Offering(s):* Offered in alternate years.

*Restriction(s):* Instructor consent required for non FRAN students.

*Department(s):* Department of Family Relations and Applied Nutrition

**FRAN\*6350 Major Research Paper U [1.00]**

The major research paper is an option open **only** to MSc students within the Couple and Family Therapy area. Students must demonstrate their ability to accurately synthesize and critically evaluate the literature in a specific area of interest. Detailed guidelines are provided.

*Restriction(s):* Available only to students in the Couple and Family Therapy field of study.

*Department(s):* Department of Family Relations and Applied Nutrition

\* Each of FRAN\*6090 and FRAN\*6100 are taken four consecutive semesters