

## 2007-2008 Graduate Calendar

The information published in this Graduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2007-2008 academic years, including the Summer Semester 2007, the Fall Semester 2007 and the Winter Semester 2008.

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:

- The Association of Universities and Colleges of Canada

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## **Disclaimer**

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The Office of Graduate Program Services 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**

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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, 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**

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### **Collection, Use and Disclosure of Personal Information**

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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 Training, Colleges and Universities, 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 <http://www.uoguelph.ca/registrar/registrar/index.cfm?index>.

### **Statistics Canada - Notification of Disclosure**

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

### **Address for University Communication**

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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**

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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**

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

#### **Name Changes**

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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, his/her 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**

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The University undertakes to protect the privacy of each student and the confidentiality of his or her 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 <http://www.uoguelph.ca/policies>.



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## Family Relations and Applied Nutrition

The Department of Family Relations and Applied Nutrition offers MSc and PhD level graduate study in three fields: i) applied human nutrition, ii) family relations and human development, and iii) couple and family therapy. An accredited Master of Applied Nutrition professional degree is also offered. The multidisciplinary faculty in the department have expertise in psychology, sociology, education, social work, family therapy and nutrition. 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 animal nutrition are available in the Department of Animal and Poultry Science and with an emphasis on metabolism in the Department of Human Health and Nutritional Sciences.

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## MSc Program

### Applied Human Nutrition

The MSc program in applied human nutrition 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. Special attention is given to therapeutic and community nutrition, nutrition education, and nutritional epidemiology. The MSc program normally requires two years of study.

### Family Relations and Human Development

The MSc program in family relations and human development takes an interdisciplinary approach to the study of family dynamics and individual development across the lifespan. The program 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 program 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, prevention, well-being, and social policy.

### Couple and Family Therapy

The MSc program in couple and family therapy is a program in theory, research, and practice, accredited by the Commission on Accreditation for Marriage and Family Therapy Education of the American Association for Marriage and Family Therapy. The program 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 integration is coupled with high standards of professional and ethical conduct, attention to broader social issues impacting on couples and families, and an emphasis on issues of diversity, power, and privilege. Applicants to this program have two options: (1) thesis, and (2) non-thesis - by which to complete the degree.

### Admission Requirements

General admission requirements for these programs include an honours degree or equivalent with at least a 'B+' average in the last two years.

### Applied Human Nutrition

Admission requirements for the MSc program in 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., biology, biochemistry, human kinetics, and health studies) may be considered with suitable make-up work in core areas. Credit in the following undergraduate courses is normally required by all entering students: 1) one semester course in applied statistics (min. grade of 75%); 2) one semester course in research methods (min. grade of 75%); 3) two one-semester courses in biochemistry; 4) two one-semester courses in human physiology (at or beyond the second-year level); 5) two one-semester courses in human development/sociology/psychology/communications; 6) one 300-level and three 400-level one-semester courses in human nutrition. These requirements may be in progress at the time of application. The deadline for application is February 1 of each year.

### Family Relations and Human Development

Admission requirements for the MSc program in family relations and human development can be satisfied by applicants with honours degrees in a wide variety of undergraduate majors including family studies, child studies, psychology, sociology, and nursing. Credit in the following undergraduate courses is required of all entering students: 1) one semester course in applied statistics (min. grade of 75%); 2) one semester course in social-science research methods (min. grade of 75%); 3) one semester course in one of human development, child development, gerontology, or parent-child relations; 4) one semester course in one of family sociology, social psychology, family relations, family theory, or communications; 5) three 400-level (senior, fourth year) one-semester courses. The deadline for application is February 1 of each year.

### Couple and Family Therapy

General admission requirements for the MSc with an emphasis in couple and family therapy are the same as noted for the MSc in family relations and human development (above). Beyond this, a personal statement discussing your motivation for Couple and Family Therapy graduate education must be included with the application. Applicants for the thesis stream must also submit detailed research plan, outlining the relevance of the topic, as well as the specific research questions. Prior contact with a potential research advisor in the Department is recommended. Relevant work or volunteer experience is an asset.

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 day-long interviewing process in mid-February 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 appropriately explored. The deadline for submission of the completed application package is on or before January 2 each year.

Prior to beginning the program admitted students must submit a current police record check (CPIC - Canadian Police Information Centre) from their local police department.

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

## Degree Requirements

### Applied Human Nutrition

For all students in the MSc program in applied human nutrition a minimum of six graduate courses will be chosen in consultation with the student's advisor and advisory committee including:

FRAN*6000	[0.50]	Research Methods
FRAN*6010	[0.50]	Applied Statistics
FRAN*6020	[0.50]	Qualitative Methods
FRAN*6510	[0.50]	Nutrition in the Community
FRAN*6610	[0.50]	Advances in Clinical Nutrition/Assessment I
FRAN*6550	[0.25]	Research Seminar

In addition, students must complete a research thesis. The courses and research may emphasize, for example, community nutrition, therapeutic nutrition, and/or nutritional epidemiology. The courses may be taken within the department and in other academic units of the university including Biomedical Sciences, Capacity Development and Extension, Food, Agricultural and Resource Economics, Human Health and Nutritional Sciences, Political Science, Population Medicine, Rural Planning and Development, and Sociology and Anthropology.

### Family Relations and Human Development

For all students in the MSc program in family relations and human development there are five required graduate courses:

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

In addition, most students take two to four additional graduate courses related to their program of study and complete a research thesis. The student's choice of 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.

### 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. The program is guided by a systemic perspective, with emphasis on narrative, solution oriented and dialogic approaches. Students are encouraged to attain the best fit between established approaches and a personalized therapy style. Attention to issues of gender, race, class, ethnicity, sexual identity and culture as well as experiences of oppression and abuse are infused throughout all aspects of the program.

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 reserved 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 course numbers in the list below). Students completing the degree in the non-thesis option, take FRAN\*6350, Major Paper which includes seminar sessions on tools and techniques for preparing an analytical and critical research review paper..

Clinical training consists of four continuous practica (FRAN\*6090) within the Couple and Family Therapy Centre, plus an externship in a community agency (FRAN\*6095). 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 sessions. In addition, each student participates in a weekly supervision group with no more than 6 students and a faculty supervisor; 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). Students are charged a practicum fee for each semester of practica, in addition to the University academic and non-academic fees.

Required courses in Couple and Family Therapy include:

FRAN*6080	[0.50]	Special Topics in Couple and Family Therapy
FRAN*6090	[0.50]	Practicum in Couple and Family Therapy
FRAN*6095	[0.50]	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
FRAN*6340	[0.50]	Interdisciplinary Perspectives in Family Relations and Human Development
FRAN*6350	[1.00]	Major Research Paper

One elective in individual and family development across the lifespan.

**For thesis students:** In addition to the above, the following courses are required:

FRAN*6330	[0.25]	Research Seminar
Either		
FRAN*6000	[0.50]	Research Methods
And		
FRAN*6010	[0.50]	Applied Statistics
OR		
FRAN*6020	[0.50]	Qualitative Methods

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 Applied Nutrition: Couple and Family Therapy.

### MAN Program

The MAN program comprises one year (3 semesters) of advanced professional course work and competency-based practice experience. The program is designed to meet the professional practice requirements for becoming a registered dietitian. Graduates will complete the entry-level competencies of Dietitians of Canada (DC). Completion of the competencies will qualify a graduate to write the registration examination to become a member of the College of Dietitians of Ontario (CDO), or other provincial dietetic regulatory body. The program is accredited by Dietitians of Canada as a dietetic internship. 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 from a dietetic program accredited by Dietitians of Canada. Applicants should have a minimum average of at least B+ in the last two years of their undergraduate program. Credit in the following courses is required prior to beginning the program: 1) one semester course in applied statistics (min. grade of 75%) and 2) one semester course in research methods (min. grade of 75%). These requirements may be in progress at the time of application.

All applications will be reviewed by a committee of Applied Human Nutrition graduate faculty. The AHN faculty will interview the most qualified applicants, rank the candidates and forward recommendations to the Dean of Graduate Studies. The deadline for application is February 1 of each year.

### Degree Requirements

Students in the Masters of Applied Nutrition program will take the following courses:

FRAN*6510	[0.50]	Nutrition in the Community
FRAN*6610	[0.50]	Advances in Clinical Nutrition/Assessment I

one of selected graduate courses from the Faculty of Management, based on course content, prerequisites and availability;

and

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*6750	[0.50]	Final Project in Applied Human Nutrition

Graduates who have completed all required competencies successfully can apply to write the examination and qualify as a member of the College of Dietitians of Ontario (CDO).

### PhD Program

#### Applied Human Nutrition

The PhD Program in applied human nutrition is a three-year program with a strong research focus involving biological and/or social-science perspectives. 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.

#### Family Relations and Human Development

The PhD program in family relations and human development is a three-year program with a strong research focus. Each student works closely with an advisory committee to develop an individualized program 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 program 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, prevention, well-being, and social policy.



## Admission Requirements

### Applied Human Nutrition

Students applying to the PhD program in applied human nutrition should have an MSc degree in human nutrition or a closely related field. 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 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). A master's thesis is normally required for admission.

Students enrolled in the MSc program are not automatically considered for the PhD program; a formal application is required for those wishing admission. Applications are evaluated with reference to academic, research, and professional experience with particular emphasis on research background and potential.

## Degree Requirements

### Applied Human Nutrition

PhD students in applied human nutrition are required to take a minimum of nine courses that build a foundation for their research and/or practice:

FRAN*6000	[0.50]	Research Methods
FRAN*6010	[0.50]	Applied Statistics
FRAN*6020	[0.50]	Qualitative Methods
FRAN*6440	[0.50]	Applied Factor Analysis & SEM
FRAN*6510	[0.50]	Nutrition in the Community
FRAN*6610	[0.50]	Advances in Clinical Nutrition/Assessment I
FRAN*6620	[0.50]	Nutritional Epidemiology
FRAN*6630	[0.50]	Advances in Clinical Nutrition/Assessment II
FRAN*6550	[0.25]	Research Seminar

These required courses and any additional course work will be chosen in consultation with the student's advisor and committee and will depend upon the availability of offerings in the co-operating departments and schools.

The student's choice of emphasis is primarily determined by research specialization and selection of elective courses. 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 indicates some broad areas of research that reflect current faculty interests and is intended to help students define an area of research and study.

### Family Relations and Human Development

PhD students in family relations and human development are required to take seven courses (if not completed previously):

FRAN*6000	[0.50]	Research Methods
FRAN*6010	[0.50]	Applied Statistics
FRAN*6020	[0.50]	Qualitative Methods
FRAN*6440	[0.50]	Applied Factor Analysis & SEM
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

The student's choice of emphasis is primarily determined by research specialization and by selection of elective courses. 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.

### Reference check

According to recent Ontario legislation, agencies licensed by the Ministry of Community and Social Services which care for, or provide service to, children or vulnerable adults are required to do criminal reference checks on all their employees. Students enrolled in practica or field placement courses, in some instances, may 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 (Canadian police information check) will be the responsibility of each student. Applicants to the Couple and Family Therapy Program must submit the results of this check to the Department of Family Relations and Applied Nutrition at the time of their interview.

## Courses

### Applied Human Nutrition

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

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

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

Research literature in applied nutrition.

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

#### FRAN\*6600 Theoretical Perspectives in Applied Human Nutrition U [0.50]

A survey and critical analysis of theoretical frameworks from Education and the Social Sciences as they are applied to the study and understanding of human nutrition behaviour. Research issues and applications are emphasized.

#### FRAN\*6610 Advances in Clinical Nutrition/Assessment I U [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.

#### FRAN\*6620 Nutritional Epidemiology U [0.50]

An investigation of selected non-communicable diseases. The emphasis is on epidemiologic methods and identification of nutritional risk factors.

#### FRAN\*6630 Advances in Clinical Nutrition/Assessment II U [0.50]

Nutritional assessment issues specific to research will be discussed in depth. Selected clinical epidemiological and health service research methodologies, including meta-analysis, will be reviewed and applied to selected emerging issues in clinical nutrition practice.

*Prerequisite(s):* FRAN\*6610

#### FRAN\*6710 Practicum in Applied Human Nutrition I U [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.

#### FRAN\*6720 Practicum in Applied Human Nutrition II U [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.

#### FRAN\*6730 Practicum in Applied Human Nutrition III U [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.

#### FRAN\*6750 Final Project in Applied Human Nutrition U [0.50]

This project (usually related to an activity during the Practicum in Applied Human Nutrition) consists of a written report of an applied research project in dietetic practice or a proposal for a research project, including literature review, purpose, methodology, and analysis and analysis plan.

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

## Family Relations and Human Development

#### FRAN\*6000 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.

*Prerequisite(s):* 75% in an undergraduate research methods course

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

Students will learn conceptual and practical applications of statistical analyses with emphasis on hypothesis formation, data screening, screening and description, 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.

*Prerequisite(s):* FRAN\*6000

*Restriction(s):* Instructor permission for non-FRAN students

#### FRAN\*6020 Qualitative 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.

**FRAN\*6070 Sexual Issues and Clinical Interventions Across the Life Span U [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.

*Restriction(s):* Signature required.

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

Contemporary research in family relations and human development.

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

**FRAN\*6210 Program Evaluation in Child and Family Services 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. Group involvement in an actual program evaluation is a requirement for the course.

**FRAN\*6220 Family, Interpersonal and Social Issues in Mid and Later Life U [0.50]**

This course examines conceptual, methodological and policy issues involving inter- and intra-generational family and social relationships throughout mid and later life.

**FRAN\*6221 Concepts and Strategies of Primary Prevention U [0.50]**

The course explores selected concepts and strategies of primary prevention. Students examine research and current practice related to individual and family health and well-being, including education, community organization, competency promotion, natural care giving, and consultation.

**FRAN\*6260 Practicum U [0.50]**

Supervised practicum experience in a variety of agencies or services. 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.

**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.

**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.

**FRAN\*6300 Theories of Development and Change Across the Life Span U [0.50]**

An interdisciplinary examination of sociological and psychological theories of development and change across the life span. Critical comparisons among theories with competing assumptions at different points over individual and family life cycles is discussed.

**FRAN\*6310 Parent-Child Relations Across the Life Span U [0.50]**

Considers theory and research on parent-child interactions, relationships and intergenerational transmission across the life span. (Offered in alternate years.)

**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.

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

Research literature in Family Relations and Human Development.

**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.

**FRAN\*6370 Social Development During Childhood U [0.50]**

A detailed study of factors important to social competence in childhood from infancy to adolescence.

**FRAN\*6380 Adolescence U [0.50]**

Adolescence is examined from a multidisciplinary developmental-contextualist perspective. Topics include: individual differences, development, and social and environmental contributions to adolescent psychosocial functioning.

**FRAN\*6410 Developmental Assessment and Intervention in Childhood and Adolescence U [0.50]**

An examination of psychological difficulties encountered in childhood and adolescence. Special attention will be given to theoretical models used to explain childhood difficulties, categorization systems, assessment techniques, methods of intervention, as well as ethical issues specific to working with children and adolescence.

**FRAN\*6440 Applied Factor Analysis & SEM F [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.

*Prerequisite(s):* FRAN\*6000, FRAN\*6100

*Restriction(s):* Instructor permission for non-FRAN students

**FRAN\*6450 Cultural Perspectives on the Family U [0.50]**

Family relationships throughout the life span are considered drawing from the perspectives of cross-cultural psychology, cultural psychology and acculturation and diversity. Topics include the cultural context of family forms, dating and marriage, childrearing, socialization, and marital relations, parent-child relationships and intergenerational relationships.

**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 for some courses each time the courses are offered for students outside the Couple and Family Therapy area.

**FRAN\*6080 Special Topics in Couple and Family Therapy U [0.50]**

This graduate seminar will feature research and practice issues in selected areas pertinent to the field of Couple and Family Therapy. Selected topics may vary from year to year.

**FRAN\*6090 Practicum in Couple and Family Therapy U [0.50]**

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 program

**FRAN\*6095 Externship in Couple and Family Therapy U [0.50]**

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.

*Prerequisite(s):* FRAN\*6090

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

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

This course features selected clinical issues each semester; examination of each issue will include the socio-cultural context, theoretical location, and conceptual and practical implications for couple and family therapy.

*Co-requisite(s):* FRAN\*6090

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

**FRAN\*6120 Theories and Methods of Family Therapy I U [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.

**FRAN\*6130 Theories and Methods of Family Therapy II U [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.

**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.

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

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

**FRAN\*6180 Research Issues in Couple and Family Therapy W [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.

*Restriction(s):* FRAN graduate students only.

**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.