

2020-2021 Undergraduate Calendar

The information published in this Undergraduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2020-2021 academic year, including the Summer Semester 2020, the Fall Semester 2020 and the Winter Semester 2021.

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

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

The University is a full member of:

- Universities Canada

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Disclaimer

University of Guelph 2020

The information published in this Undergraduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2020-2021 academic year, including the Summer Semester 2020, the Fall Semester 2020 and the Winter Semester 2021.

The University reserves the right to change without notice any information contained in this calendar, including but not limited to that related to tuition and other fees, standards of admission, course delivery or format, continuation of study, and the offering or requirements for the granting of, degrees or diplomas in any or all of its programs. The publication of this calendar does not bind the University to the provision of courses, programs, schedules of study, or facilities as listed herein.

The University will not be liable for any failure or delay in performance arising out of any cause or causes beyond its reasonable control. Such causes may include but are not limited to fire, strike, lock-out, inability to procure materials or trades, war, mass-casualty event, flood, local, regional or global outbreak of disease or other public health emergency, social distancing or quarantine restriction, legislative or regulatory requirements, unusually severe weather, failure of public utility or common carrier, or attacks or other malicious act, including but not limited to attacks on or through the internet, or any internet service, telecommunications provider or hosting facility.

In March 2020 the World Health Organization declared a global pandemic of the virus leading to COVID-19. The Governments of Canada, the Province of Ontario, and local Governments responded to the pandemic with legislative amendments, controls, orders, by-laws, requests and requirements (collectively, the "Governmental Response"). It is uncertain how long the pandemic, and the related Governmental Response, will continue, and it is unknown whether there may be a resurgence of the virus leading to COVID-19 or any mutation thereof (collectively, the "Virus") and resulting or supplementary renewed Government Response. Without limiting the foregoing paragraph, the University shall not be liable for costs associated with any failure or delay in performance arising out of:

- a. the continued spread of the Virus;
- b. the continuation of or renewed Governmental Response to control the spread of the Virus; and
- c. a University decision, made on an organization-wide basis and in good faith, to control the spread of the Virus, even if exceeding the then current specific Government Response.

In particular, the COVID-19 pandemic may necessitate a revision of the format of course offerings such that courses are offered in whole or in part on an alternate delivery model to in-person classes. Tuition and mandatory fees have been set regardless of the method of instruction and will not be refunded in the event instruction occurs remotely for any part of the academic year.

Dates or times of performance including the Schedule of Dates may be extended as appropriate and the University will notify students promptly of the existence and nature of such delay and shall, so far as practicable, use reasonable efforts to minimize and mitigate any such delay or non-performance.

In the event of a discrepancy between a print version (downloaded) and the Web version, the Web version will apply,

Published by: Enrolment Services

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/index.html>. 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 Registrar Services Departmental Policy on the Release of Student Information. For details on the use and disclosure of this information call the Office of Registrar Services at the University at (519) 824-4120 or see <http://www.uoguelph.ca/registrar/registrar/index.cfm?index>.

Disclosure of Personal Information to the Ontario Ministry of Colleges and Universities

The University of Guelph is required to disclose personal information such as characteristics and educational outcomes to the Minister of Colleges and Universities under s. 15 of the Ministry of Training, Colleges and Universities Act, R.S.O. 1990, Chapter M.19, as amended. The Ministry collects this data for purposes including but not limited to planning, allocating and administering public funding to colleges, universities and other post-secondary educational and training institutions.

Amendments made to the Ministry of Training, Colleges and Universities Act, authorizing the collection and use of personal information from colleges and universities by the Minister which were set out in Schedule 5 of the Childcare Modernization Act, 2014, came into force on March 31, 2015.

The amendments strengthen the ability of the Minister to directly or indirectly collect and use personal information about students as required to conduct research and analysis, including longitudinal studies, and statistical activities conducted by or on behalf of the Ministry for purposes that relate to post-secondary education and training, including,

- i. understanding the transition of students from secondary school to post-secondary education and training,
- ii. understanding student participation and progress, mobility and learning and employment outcomes,
- iii. understanding linkages among universities, colleges, secondary schools and other educational and training institutions prescribed by regulation,
- iv. understanding trends in post-secondary education or training program choices made by students,
- v. understanding sources and patterns of student financial resources, including financial assistance and supports provided by government and post-secondary educational and training institutions,
- vi. planning to enhance the affordability and accessibility of post-secondary education and training and the quality and effectiveness of the post-secondary sector,
- vii. identifying conditions or barriers that inhibit student participation, progress, completion and transition to employment or future post-secondary educational or training opportunities, and
- viii. developing key performance indicators.

Information that the University is required to provide includes but is not limited to: first, middle and last name, Ontario Educational Number, citizenship, date of birth, gender, first three digits of a student's postal code, mother tongue, degree program and major(s) in which the student is enrolled, year of study and whether the student has transferred from another institution.

Further information on the collection and use of student-level enrolment-related data can be obtained from the Ministry of Colleges and Universities website: <https://www.ontario.ca/page/ministry-colleges-universities> (English) or <https://www.ontario.ca/fr/page/ministere-des-colleges-et-universites> (French) or by writing to the Director, Postsecondary Finance and Information Management Branch, Postsecondary Education Division, 7th Floor, Mowat Block, 900 Bay Street, Toronto, ON M7A 1L2.

An update on Institutional and Ministry of Training, Colleges and Universities Act Notice of Disclosure Activities is posted at <https://www.ontario.ca/page/ministry-colleges-universities> Frequently Asked Questions related to the Ministry's enrolment and OEN data activities are also posted at: <http://www.tcu.gov.on.ca/pepg/publications/NoticeOfCollection.pdf>

Authority to Disclose Personal Information to Statistics Canada

The Ministry of Colleges and Universities discloses student-level enrolment-related data it collects from the colleges and universities as required by Statistics Canada in accordance with Section 13 of the Federal Statistics Act. This gives the Ministry authority to disclose personal information in accordance with s. 42(1) (e) of FIPPA

Notification of Disclosure of Personal Information to Statistics Canada

For further information, please see the Statistics Canada's website at <http://www.statcan.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. See Section I--Statement of Students' Academic Responsibilities for more information.

Home Address

Students are responsible for maintaining a current mailing address with the University. Address changes can be made, in writing, through Enrolment 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, the student's 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 the student's 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://uoguelph.civicweb.net/document/68892/ORSInfoReleasePolicy060610.pdf?handle=FF982F8A9AEA4076BE4F3D88147172B8>.

Learning Outcomes

On December 5, 2012, the University of Guelph Senate approved five University-wide Learning Outcomes as the basis from which to guide the development of undergraduate degree programs, specializations and courses:

1. Critical and Creative Thinking
2. Literacy
3. Global Understanding
4. Communicating
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](#).

1. 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.

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

2. 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.**

3. 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.**

4. Communicating

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

5. 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.

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

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Bachelor of Applied Science (B.A.Sc.)

Program Information

The University of Guelph offers an 8 semester (20.00 credits) honours program leading to a Bachelor of Applied Science (B.A.Sc.) degree. Students must select one of the 3 following major areas of study:

Applied Human Nutrition (AHN)

Child Studies (CSTU)

Family Studies and Human Development (FSHD)

Elective offerings enable students to select courses which support or complement their primary field of study.

The program is interdisciplinary and provides a distinctive and integrated focus of applied social science in each of the 3 majors. Courses from the traditional disciplines in other departments in the University are coupled with courses offered by faculty members in the Department of Family Relations and Applied Nutrition whose own backgrounds reflect the interdisciplinary nature of the program.

Laboratory, practicum and field experiences enhance the students' opportunities to grasp the contributions of the social, physical and biological sciences to significant facets of human behaviour and experience, whether in family, community, or in educational settings.

Academic Counselling

Program Counselling

A B.A.Sc. program counsellor is available to assist prospective students in the selection of their major and initial courses, and to respond to questions regarding any other aspects of their anticipated program. The program counsellor will also assist in-course students who need information or advice about their program or other academic regulations, who seek information on services and resources available to students or who are contemplating transfer into or out of their current major or degree program.

Academic Advising

On entering the program all students are assigned to a departmental advisor by major. This advisor is thoroughly familiar with the academic requirements of the program and is also knowledgeable about career opportunities which relate to a student's specific major. Students are strongly encouraged to attend all meetings called by their departmental advisors, and to set up individual meetings with them when they have questions or concerns about their major, or their performance in the program.

Continuation of Study

Students are advised to consult the regulations for Continuation of Study which are outlined in detail in Section VIII--Undergraduate Degree Regulations & Procedures.

Conditions for Graduation

To qualify for the degree Bachelor of Applied Science, the student must satisfy the following conditions:

- the student must have successfully completed the schedule of studies requirements for the specified major
- the student must have a cumulative average of 60% or higher
- the student must have a term academic standing of Eligible to Continue

Schedule of Studies

Courses specified in the Schedule of Studies are required courses and must be completed successfully. A full course load normally includes 2.50 credits (normally 5 courses). The requirements for each major are set out below.

Special Expenses

Expenses for field trips can range from \$20 to \$30 per semester in the first 4 semesters and from \$25 to \$50 in each of the last 4 semesters. In certain courses modest expenses will be incurred for supplies and where appropriate for laboratory costs. 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 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.

Applied Human Nutrition (AHN)

Department of Family Relations and Applied Nutrition, College of Social and Applied Human Sciences

The Applied Human Nutrition major recognizes both the biological and the social facets of human nutrition. It focuses on nutrition from a preventive, maintenance and therapeutic perspective, all of which require a thorough understanding of the related biological sciences and of selected aspects of the behavioral sciences. Students learn about nutrition and its application to the maintenance of health and the prevention and treatment of disease. They also learn about individual and social behaviour, particularly in family settings, and the implications of behavioral factors in the establishment of good nutrition status from conception through to old age. Through the effective use of elective courses, the core requirements in the Major can be supplemented to create a program of study which will prepare graduates for a variety of health and education careers in the government or private sectors, or with the food industry. Others may proceed to graduate study in fields such as nutrition, public health nutrition, medicine or education.

An Area of Emphasis in Dietetics is also offered for those interested in becoming Registered Dietitians. Successful completion of the additional required and restricted elective courses, required to meet the Integrated Competencies for Dietetic Education and Practice (ICDEP) as part of this professional education program, will allow students to compete for a limited number of dietetic internship positions/practicum programs after graduation. Graduates who complete dietetic internships/practicum programs are eligible to write the Canadian Dietetic Registration Examination, a national registration examination and become Registered Dietitians, a regulated health profession. The Area of Emphasis in this dietetic education program is accredited under the Partnership for Dietetic Education and Practice (PDEP) and prepares students for eligibility for registration with a provincial dietetics regulatory body. Most graduates completing dietetic internships are employed in hospitals and other health care agencies such as community health centres and long-term care facilities where the credential of Registered Dietitian is required for practice. Some Registered Dietitians also find employment in a wide range of careers in health and education, and in the private sector. Still others proceed to graduate study in fields such as nutrition, public health nutrition, medicine or education.

Program Requirements

Students in the Applied Human Nutrition Major must include the core of 13.50 required credits in the minimum of 20.00 credits. Students in the Area of Emphasis in Dietetics take an additional 2.00 required credits plus 1.50 restricted electives for 17.00 required credits in the minimum 20.00 credits. Discussion with a departmental advisor regarding the various choices possible from within the Major is strongly recommended. Students will normally register for courses according to the semesters indicated below for Fall and Winter sequencing.

Students taking the Area of Emphasis in Dietetics are strongly encouraged to seek help from departmental advisors to ensure they have selected all the required courses to be eligible to apply for internships.

Minors

Students may take one minor in addition to the Applied Human Nutrition Major. See the University of Guelph Calendar, Section X, Degree Programs, Specialization and Their Degrees for list of minors: <https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c10/index.shtml>

Counselling on Minors

The B.A.Sc. program counsellor assists students in the selection of minors, interpreting program and academic regulations. Academic departments offer the minors and assign faculty advisors to assist students with academic planning (e.g., a faculty advisor in the Psychology department handles queries about a minor in Psychology). Students should consult the appropriate faculty advisor, along with the B.A.Sc. Program Counsellor, when declaring a minor or requiring advice on the completion of specialization requirements. The list of faculty advisors is available on the Undergraduate Academic Information Centre website: <https://www.uoguelph.ca/uaic/facultyadvisors> or contact the B.A.Sc. Program Counsellor for further information.

Double Counting of Courses

A maximum of 50 percent of the courses applied to a minor may be courses taken in fulfillment of the major where required courses are the same.

Major

Semester 1

CHEM*1040	[0.50]	General Chemistry I
PSYC*1000	[0.50]	Introduction to Psychology
One of:		
HTM*2700	[0.50]	Understanding Foods
NUTR*1010	[0.50]	Introduction to Nutrition

1.00 electives

Note: HTM*2700 is recommended for Semester 1 if capacity allows, but may also be taken in Semester 2 by choosing NUTR*1010 in Semester 1

Semester 2

CHEM*1050	[0.50]	General Chemistry II
NUTR*1020	[0.50]	Professional Practice in Applied Nutrition
One of:		
HTM*2700	[0.50]	Understanding Foods
NUTR*1010	[0.50]	Introduction to Nutrition

One of:

FRHD*1020	[0.50]	Couple and Family Relationships
SOC*1100	[0.50]	Sociology

0.50 electives

*See note in Semester 1

Semester 3

BIOC*2580	[0.50]	Introduction to Biochemistry
HTM*2030	[0.50]	Control Systems in the Hospitality Industry
NUTR*2050	[0.50]	Nutrition Through the Life Cycle
STAT*2080	[0.50]	Introductory Applied Statistics I

0.50 electives

Note: HTM*2030 may be taken in Semester 4.

Semester 4

BIOM*3200	[1.00]	Biomedical Physiology
HROB*2090	[0.50]	Individuals and Groups in Organizations
MICR*2420	[0.50]	Introduction to Microbiology
STAT*2090	[0.50]	Introductory Applied Statistics II

Semester 5

FRHD*3070	[0.50]	Research Methods: Family Studies
NUTR*3210	[0.50]	Fundamentals of Nutrition

1.50 electives or restricted electives

Note: Students completing an Area of Emphasis in Dietetics must take HTM*3090.

HTM*3090 is recommended in Semester 5 in place of elective or restricted elective if capacity allows, but it may also be taken in Semester 6. If taken in Semester 6 take FRHD*3400 and HROB*2290 in Semester 5.

Semester 6

FRHD*3400	[0.50]	Communication and Counselling Skills
HROB*2290	[0.50]	Human Resources Management
NUTR*3070	[0.50]	Nutrition and Physical Activity Interventions
NUTR*3090	[1.00]	Clinical Nutrition I

Semester 7

NUTR*4010	[0.50]	Nutritional Assessment
NUTR*4070	[0.50]	Nutrition Education

1.50 electives or restricted electives

Note: Students completing an Area of Emphasis in Dietetics must take NUTR*4040.

Semester 8

NUTR*4900	[0.50]	Selected Topics in Human Nutrition
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2.00 electives or restricted electives

Note: With approval from the instructor, students may substitute NUTR*4810 and NUTR*4910 for NUTR*4900.

Area of Emphasis in Dietetics

The area of emphasis requires the successful completion of 3.00 credits: 1.50 required credits and 1.50 credits selected from the list of restricted electives. At minimum, one of the courses from the restricted electives must be taken at the 3000-level. Note: Some restricted electives require prerequisite courses which are not included in the major. Students should consult the most recent calendar descriptions, planning carefully and seeking advice from the program counselling office.

Required Courses (1.50 credits)

HTM*3090	[1.00]	Restaurant Operations Management
NUTR*4040	[0.50]	Clinical Nutrition II

Restricted Electives

Students must take 1.50 restricted electives, including one 3000 level course, from the following list:

FOOD*2010	[0.50]	Principles of Food Science
FOOD*3430	[0.50]	Introduction to Food Analysis
FOOD*3700	[0.50]	Sensory Evaluation of Foods
HTM*2740	[0.50]	Cultural Aspects of Food
HTM*3780	[0.50]	Managing Food in Canada
NUTR*3110	[0.50]	Food Security
NUTR*3150	[0.50]	Aging and Nutrition

One of:

FOOD*2400	[0.50]	Introduction to Food Chemistry
FOOD*3030	[0.50]	Food Chemistry I
FOOD*3050	[0.50]	Food Chemistry I

One of:

FOOD*2410	[0.50]	Introduction to Food Processing
FOOD*3160	[0.75]	Food Processing I

One of:

FOOD*2420	[0.50]	Introduction to Food Microbiology
FOOD*3230	[0.75]	Food Microbiology
FOOD*3240	[0.50]	Food Microbiology

Child Studies (CSTU)

Department of Family Relations and Applied Nutrition, College of Social and Applied Human Sciences

The Child Studies major examines the ways children learn, develop, and grow from psychological, physiological, and social perspectives, with families considered as a central context in which children develop. Ways of working with children in diverse and inclusive settings are explored, and the importance of early learning opportunities and early intervention are emphasized. Students gain both theoretical knowledge and applied skills through course work and guaranteed practicum placements, completing over 500 hours of practical experience working with children in a variety of settings. Graduates of the Child Studies major are eligible to apply for membership in the College of Early Childhood Educators.

Through the effective use of elective courses, the core requirements in the major can be supplemented to create a program of study that will prepare graduates for a variety of careers working with children and their families. Graduates pursue careers in diverse settings including elementary schools, paediatric wards in hospitals, family and community service agencies, child care centres, and child and youth treatment facilities. Many students go on to pursue graduate education in fields such as education, social work, speech language pathology, occupational therapy, child life, nursing, psychology, couple and family therapy, sociology, and family studies.

Program Requirements

All students in the Child Studies major must successfully complete a minimum of 20.00 credits including the core of 14.00 required credits. In addition to the core requirements, there are elective courses from various departments across the University that may be taken. Information about suggested electives that relate to particular careers or areas of interest and requirements for admission to various graduate programs, including Faculties of Education, are available from the B.A.Sc. Program Counsellor.

Minors

Students may take one minor in addition to the Child Studies major. See the University of Guelph Calendar, Section X, Degree Programs, Specialization and Their Degrees for list of minors: <http://www.uoguelph.ca/registrar/calendars/undergraduate/current/c10/index.shtml>. The 60.00% requirement applies to each major and minor.

Double Counting of Courses

A maximum of 50 percent of the courses applied to a minor may be courses taken in fulfillment of the major where required courses are the same.

Counselling on Minors

The B.A.Sc. program counsellor assists students in the selection of minors, interpreting program and academic regulations. Academic departments offer the minors and assign faculty advisors to assist students with academic planning (e.g., a faculty advisor in the Psychology department handles queries about a minor in Psychology). Students should consult the appropriate faculty advisor, along with the B.A.Sc. Program Counsellor, when declaring a minor or requiring advice on the completion of specialization requirements. The list of faculty advisors is available on the Undergraduate Academic Information Centre website: <https://www.uoguelph.ca/uaic/facultyadvisors> or contact the B.A.Sc. Program Counsellor for further information.

Articulation Agreements

The University of Guelph is a partner in several Articulation Agreements concerning the Child Studies major. Students who enter the B.A.Sc. Child Studies major with advanced standing through an articulation agreement should identify themselves to the B.A.Sc. Program Counsellor for specific guidance around their Schedule of Studies (see Section IV of this calendar). Students in the Child Studies major who are interested in proceeding to teachers college should refer to Section IV--Admissions Information, Articulation Agreements for information about admission to the Bachelor of Education program at Nipissing University.

Major

Semester 1

FRHD*1010	[0.50]	Human Development
NUTR*1010	[0.50]	Introduction to Nutrition
PSYC*1000	[0.50]	Introduction to Psychology

Semester 2

FRHD*1020	[0.50]	Couple and Family Relationships
FRHD*2260	[0.50]	Infant Development
MBG*1000	[0.50]	Genetics and Society

One of:

ANTH*1150	[0.50]	Introduction to Anthropology
SOC*1100	[0.50]	Sociology

0.50 electives

Semester 3

FRHD*2110	[0.50]	Children and Youth with Exceptionalities
FRHD*2270	[0.50]	Development in Early and Middle Childhood
STAT*2080	[0.50]	Introductory Applied Statistics I

1.00 electives

Semester 4

FRHD*2040	[0.50]	Principles of Program Design for Children
FRHD*2100	[0.50]	Development of Human Sexuality

STAT*2090	[0.50]	Introductory Applied Statistics II
1.00 electives		
Semester 5		
FRHD*3070	[0.50]	Research Methods: Family Studies
FRHD*3180	[0.50]	Observation and Assessment Laboratory
FRHD*3200	[1.00]	Practicum I: Child
FRHD*3400	[0.50]	Communication and Counselling Skills

Note: FRHD*3200 may be taken in Semester 5 or Semester 6.

Semester 6

FRHD*3040	[0.50]	Parenting and Intergenerational Relationships
FRHD*3190	[0.50]	Administration of Programs for Children
1.50 electives		

Semester 7

FRHD*4210	[0.50]	Senior Seminar in Early Education and Care
FRHD*4310	[0.50]	Professional Issues
FRHD*4330	[1.00]	Practicum II: Child
0.50 electives		

Semester 8

FRHD*4320	[0.50]	Social Policies for Children and Families
FRHD*4350	[1.00]	Practicum III: Child
1.00 electives or restricted electives		

Family Studies and Human Development (FSHD)

Department of Family Relations and Applied Nutrition, College of Social and Applied Human Sciences

The Family Studies and Human Development major focuses on the development of individuals and families across the lifespan within the context of relationships, and diverse social and cultural influences. This interdisciplinary program is designed to provide students with an understanding of the influence of psychological, social, biological, and economic factors on individual health, well-being, and relationships across the lifespan. Guaranteed practicum placement(s) enable students to gain knowledge and skills appropriate for work with individuals and groups in a variety of settings, completing up to 336 hours of practical experience. Restricted electives allow students to focus their studies on one or more content areas including: (1) Adult Development and Gerontology, (2) Sexuality and Relationships, and (3) Youth Studies.

Through the effective use of elective courses, the core requirements in the major can be supplemented to create a program of study that will prepare graduates for a variety of careers working with individuals and their families. Graduates pursue careers in a variety of settings including family and community service agencies; government; research institutions; health promotion divisions; support services delivery for individuals and their families; health and social care agencies; employee and family assistance programs; and local social planning councils. Many graduates go on to pursue graduate education in fields such as social work, human sexuality, gerontology, public health, occupational therapy, speech language pathology, recreation therapy, family law and mediation, couple and family therapy, education, social policy, and family relations and human development.

Program Requirements

All students in the Family Studies and Human Development major must successfully complete a minimum of 20.00 credits including the core of 11.00 required credits and 1.50 restricted electives from the restricted electives content area lists provided. In addition to the core requirements, there are elective courses from various departments across the University that may be taken. Information about suggested electives that relate to particular careers or areas of interest and requirements for admission to various graduate programs, including Faculties of Education, are available from the B.A.Sc. Program Counsellor.

Minors

Students may take one minor in addition to the Family Studies and Human Development major. See the University of Guelph Calendar, Section X, Degree Programs, Specialization and Their Degrees for list of minors: <http://www.uoguelph.ca/registrar/calendars/undergraduate/current/c10/index.shtml>. The 60.00% requirement applies to each major and minor.

Double Counting of Courses

A maximum of 50 percent of the courses applied to a minor may be courses taken in fulfillment of the major where required courses are the same.

Counselling on Minors

The B.A.Sc. program counsellor assists students in the selection of minors, interpreting program and academic regulations. Academic departments offer the minors and assign faculty advisors to assist students with academic planning (e.g., a faculty advisor in the Psychology department handles queries about a minor in Psychology). Students should consult the appropriate faculty advisor, along with the B.A.Sc. Program Counsellor, when declaring a minor or requiring advice on the completion of specialization requirements. The list of faculty advisors is available on the Undergraduate Academic Information Centre website: <https://www.uoguelph.ca/uac/facultyadvisors> or contact the B.A.Sc. Program Counsellor for further information.

Major

Semester 1

FRHD*1010	[0.50]	Human Development
NUTR*1010	[0.50]	Introduction to Nutrition
PSYC*1000	[0.50]	Introduction to Psychology
1.00 electives or restricted electives		

Semester 2

FRHD*1020	[0.50]	Couple and Family Relationships
MBG*1000	[0.50]	Genetics and Society

One of:

ANTH*1150	[0.50]	Introduction to Anthropology
SOC*1100	[0.50]	Sociology

1.00 electives or restricted electives

Semester 3

STAT*2080	[0.50]	Introductory Applied Statistics I
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One of:

FRHD*2060	[0.50]	Adult Development and Aging
FRHD*2280	[0.50]	Adolescent Development

1.50 electives or restricted electives

Semester 4

FRHD*2100	[0.50]	Development of Human Sexuality
FRHD*2400	[0.50]	Introduction to Human Services
STAT*2090	[0.50]	Introductory Applied Statistics II
1.00 electives or restricted electives		

Semester 5

FRHD*3070	[0.50]	Research Methods: Family Studies
FRHD*3090	[0.50]	Poverty and Health

One of:

FRHD*3250	[1.00]	Practicum I: Youth
FRHD*3290	[1.00]	Practicum I: Adult

0.50 electives or restricted electives

Note: FRHD*3250, FRHD*3290 may be taken in either Semester 5 or Semester 6

Semester 6

FRHD*3040	[0.50]	Parenting and Intergenerational Relationships
FRHD*3400	[0.50]	Communication and Counselling Skills
1.50 electives or restricted electives		

Semester 7

FRHD*4020	[0.50]	Family Theory
FRHD*4310	[0.50]	Professional Issues

1.50 electives or restricted electives

Semester 8

FRHD*4260	[0.50]	Social Policies
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One of:

FRHD*4200	[0.50]	Issues in Human Sexuality
FRHD*4250	[0.50]	Aging and Health
FRHD*4400	[0.50]	Youth, Risk and Resilience

1.50 electives or restricted electives

Restricted Electives

In addition to the 11.00 required credits, an additional 1.50 restricted electives are required in total from any of the courses listed in the restricted electives content areas (can be from one or more areas).

Restricted Electives Content Area 1: Adult Development & Gerontology

BIOL*1080	[0.50]	Biological Concepts of Health
BIOM*2000	[0.50]	Concepts in Human Physiology
FRHD*2060	[0.50]	Adult Development and Aging
FRHD*3060	[0.50]	Principles of Social Gerontology
FRHD*3500	[0.50]	Research Internship
FRHD*4190	[0.50]	Assessment in Gerontology
FRHD*4250	[0.50]	Aging and Health
FRHD*4290	[1.00]	Practicum II: Adult
FRHD*4810	[0.50]	Thesis I
FRHD*4910	[1.00]	Thesis II
NUTR*3150	[0.50]	Aging and Nutrition

Restricted Electives Content Area 2: Sexuality & Relationships

ENGL*2190	[0.50]	Queer Literatures and Cultures
FRHD*3500	[0.50]	Research Internship
FRHD*4200	[0.50]	Issues in Human Sexuality
FRHD*4290	[1.00]	Practicum II: Adult
FRHD*4810	[0.50]	Thesis I
FRHD*4910	[1.00]	Thesis II
HIST*3020	[0.50]	Sexuality and Gender in History
SOAN*2400	[0.50]	Introduction to Gender Systems

Restricted Electives Content Area 3: Youth Studies

FRHD*2280	[0.50]	Adolescent Development
FRHD*3500	[0.50]	Research Internship
FRHD*4340	[1.00]	Practicum II: Youth
FRHD*4400	[0.50]	Youth, Risk and Resilience
FRHD*4810	[0.50]	Thesis I
FRHD*4910	[1.00]	Thesis II
HIST*3200	[0.50]	Youth in History
SOC*3710	[0.50]	Youth Justice