

2019-2020 Undergraduate Calendar

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

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 2019

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

The University reserves the right to change without notice any information contained in this calendar, including fees, 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 publication of information in this calendar does not bind the University to the provision of courses, programs, schedules of studies, or facilities as listed herein.

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 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.

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 Training, Colleges and Universities

The University of Guelph is required to disclose personal information such as characteristics and educational outcomes to the Minister of Training, 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 Training, Colleges and Universities website: <https://www.ontario.ca/page/ministry-advanced-education-and-skills-development> (English) or <https://www.ontario.ca/fr/page/ministere-de-lenseignement-superieur-et-de-la-formation-professionnelle> (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-advanced-education-and-skills-development>

Frequently Asked Questions related to the Ministry's enrolment and OEN data activities are also posted at: <http://www.tcu.gov.on.ca/peps/publications/NoticeOfCollection.pdf>

Authority to Disclose Personal Information to Statistics Canada

The Ministry of Training, 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 web site 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, 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://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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IV. Admission Information

Admission Requirements to University Programs

Semester One Admission

Entry Point

Admission to Semester One of a degree program and General Studies is available in the Fall semester only. A Semester One degree applicant is defined as one who will receive fewer than 2.00 transfer credits upon admission.

1. Applicants from Ontario Secondary Schools

Students seeking admission to a degree program must present the Ontario Secondary School Diploma (OSSD), or equivalent, and a minimum of six 4U/M courses including ENG4U. All specific subject requirements must be 4U/M. Specific subject requirements for admission to the various degree programs are outlined in this section. Students are also advised to consult Chapter X of the Calendar (Undergraduate Degree Programs) to note those subjects which are recommended for specific programs.

In some cases, applicants with high academic standing may be admitted if they are deficient in one of the specific subject requirements. The exceptions to this are Cooperative Education; Bachelor of Arts, Criminal Justice and Public Policy; Bachelor of Science, Bio-medical Science and Human Kinetics; Bachelor of Applied Science, Applied Human Nutrition; and the Bachelor of Commerce Program for which applicants must have completed all of the specific subject requirements.

Offers of Admission will be released starting in December. All offers of admission which are based on interim grades will be conditional upon completion of the OSSD with six 4U/M courses (or equivalent) including specific subject requirements. The minimum final admission average which the applicant will have to achieve will be stipulated in the condition. Conditions are specified in the offer letter. Grades in specific subject requirements are included in the calculation of the admission average. The University reserves the right to revoke the offer of admission should a student fail to meet any condition in the offer.

Applicants also have the opportunity to complete and submit the Student Profile Form <https://admission.uoguelph.ca/spf> which is considered during the third round of high school offers in May. Leadership and citizenship qualities as well as extenuating circumstances of a medical or compassionate nature are considered for applicants whose admission average falls within a discretionary range below the determined program admission average.

Students will not be required to respond to the offer until the common response date for all Ontario universities. Those wishing to respond earlier may do so.

Applicants who have not received an offer of admission by the end of May, may become eligible for admission consideration to all non-limited enrolment programs by submitting their final grades. Admission consideration will be given on the basis of final grades only when places are still available in the program and/or specialization to which the student has applied at the time that the final grades are received. Applicants may be required to possess an admission average higher than those used prior to the end of May.

It is the applicant's responsibility to submit final, summer school or correspondence course grades to Admission Services, Level 3, University Centre, University of Guelph, Guelph, Ontario, N1G 2W1, as soon as they become available. The following methods for submission of final grades will be acceptable:

- report card issued by the secondary school
- certified copy of the report card
- a transcript of marks issued by the secondary school and forwarded directly to the University.

It is suggested that students follow method c) above in order to facilitate the processing of their application. All offers based on self reported information are conditional upon receipt of the official document.

International Baccalaureate

Students applying for admission on the basis of the IB Diploma should possess a minimum score of 28. Reported bonus points may be taken into consideration. Applicants are advised that some programs will require a higher score for admission consideration. Students currently in their final year of the IB program are encouraged to present "predicted" scores on the sevenpoint scale, which will be taken into consideration to extend conditional offers of admission. The predicted scores can include grades from the Extended Essay and the Theory of Knowledge. Students must include, among their higher and standard levels, the specific subject requirements for the program to which they are applying. Specific transfer credits, where applicable, to a maximum of 2.00 credits, will be granted for grades of 5 or better on higher level courses where the applicant has been awarded the IB Diploma, Certificate or Diploma course. Students may request a change to unspecified credit on an individual basis within the first 30 days of the semester in which they commence their studies. Credit will be assigned upon receipt of official final results.

Ontario high school students registered in an IB program will automatically have their IB courses converted into Ontario U and M level equivalents. IB scores will be converted into grades on a percentage scale out of 100 by the applicant's high school. Admissions and scholarships will be determined using the conversions submitted to the Ontario Universities Application Centre by the applicant's high school.

The English Proficiency Requirement will be waived for applicants who have completed the Diploma where the language of instruction is English.

Advanced Placement

Applicants who have completed Advanced Placement exams with a minimum grade of 4 may be eligible to receive university credit to a maximum of 2.00 credits. Specific transfer credits and exemptions, where applicable, will be assigned upon receipt of official final results. Students may request a change to unspecified credit on an individual basis within the first 30 days of the semester in which they commence their studies.

2. Applicants from Outside Ontario

Applicants whose preparation to enter the University has been completed outside the Ontario secondary school system must have achieved, as a minimum requirement, academic standing equivalent to that required of Ontario students and must satisfy the subject requirements for the program desired. Students should refer to the information for Ontario applicants regarding specific subject deficiencies. The University will take into consideration the availability of specific course requirements in other countries or provinces to ensure that the applicant is not disadvantaged if particular senior secondary courses are not offered. Please refer to the information following this section regarding specific subject requirements and equivalents.

Conditional offers of admission may be released on the basis of interim and/or first term grades. Some decisions may be deferred until final grades are submitted. Applicants are encouraged to submit any academic information which might expedite an admission decision by March 1. The condition of the offer will be applied as outlined for Ontario applicants.

- Other Provinces and Territories of Canada - Alberta, British Columbia, Manitoba, New Brunswick, Newfoundland and Labrador, Northwest Territories, Nova Scotia, Nunavut, Prince Edward Island, Saskatchewan, Yukon--Grade 12. Quebec--Senior High School Leaving Certificate or High School Leaving Certificate plus 12 academic credits from an appropriate CEGEP program. For further details, please visit [Out of Province Admission Requirements](#)
- United States of America - Students must have a minimum cumulative unweighted grade point average of 3.0 from a regionally accredited high school. In addition, they must present a minimum SAT score of 1100 or ACT score of 24. GPA, SAT and ACT score admission expectations may vary by degree and major, and are often higher than the minimum. Students should include, among their senior level courses, specific subjects that are required for admission to the degree program of their choice. Particular attention is paid to performance in program prerequisites. School profile with grading scale should be included with documents.
- British Patterned Education Systems - Applicants must present either the GCSE (or IGCSE) and the GCE showing one of:
 - Minimum of two Advanced level passes and three GCSE or IGCSE (Ordinary level) passes.
 - Two Advanced Supplementary (AS) level courses may be substituted for one Advanced level course.
 - Applicants who have completed GCE Advanced level examinations with a minimum grade of 'C' may be eligible to receive a maximum of 3.00 credits (1.00 credit per course). Specific transfer credits and exemptions, where applicable, will be assigned upon receipt of official final results. Students may request a change to unspecified credit on an individual basis within the first 30 days of the semester in which they commence their studies.
- Other Countries - The secondary school graduation certificate which admits to an internationally recognized university in another country is normally acceptable, provided that it is the equivalent of admission requirements for the University of Guelph.

NOTE: Possession of these minimum requirements does not guarantee admission. Required levels of academic preparation may vary according to the jurisdiction or country in which course work was completed. Applicants are encouraged to contact Admission Services prior to formal application in order to obtain specific information on admission requirements. They are strongly advised to provide detailed information on their particular situation.

3. Applicants for Admission as Mature Students

Statement of the Regulation

Applicants who do not possess the published minimum requirements for admission consideration may be considered for admission to degree programs as space permits and if, prior to the beginning of the Fall semester, they

- will have been out of secondary school for at least two years.
- will have normally not attended another post-secondary institution.
- have completed their secondary school diploma, or equivalent.

In addition, applicants must meet specific subject requirements or equivalents, with acceptable academic standing, as outlined below for the degree programs to which they have applied. Admission as a Mature Student is available in the Fall semester only.

B.A.Sc. Program

Applied Human Nutrition - ENG4U, SBI4U, SCH4U, and one 4U math course.

Adult Development; Child, Youth and Family - ENG4U, SBI4U or SCH4U, and one 4U math course.

B.A. Program

ENG4U and two additional 4U or 4M courses, one of which must contain a writing component.

B.A.S. Program

ENG4U, MHF4U, and two of the following three courses: SBI4U, SCH4U, SPH4U.

B.B.R.M. Program

Environmental Management; Equine Management - ENG4U, SBI4U, and one additional 4U/M course. Food Industry Management - MHF4U, SBI4U and SCH4U. ENG4U is also recommended.

B.Comm. Program

HTM, PMGT: ENG4U, MHF4U, and one additional 4U/M course.

ACCT, FAB, MGMT, MEF, MKMN, REH, UND: ENG4U, MHF4U, and one additional 4U math course.

B.Comp. Program

ENG4U, MCV4U, and one additional 4U/M course.

B.ENG. Program

MHF4U, MCV4U, and two of the following three courses: SBI4U, SCH4U, SPH4U.

B.L.A. Program

ENG4U and two additional 4U or 4M courses.

Submission of the Background Information Form is also required.

B.Sc. Biological Sciences Program

MHF4U, and two of the following three courses: SBI4U, SCH4U, SPH4U. ENG4U is also recommended.

B.Sc. Physical Sciences Program

MCV4U, and two of the following three courses: SBI4U, SCH4U, SPH4U. ENG4U is also recommended.

B.Sc. (Agr.) Program

MHF4U, and two of the following three courses: SBI4U, SCH4U, SPH4U. ENG4U is also recommended.

B.Sc. (Env.) Program

MHF4U, and two of the following three courses: SBI4U, SCH4U, SPH4U. ENG4U is also recommended.

General Notes and Recommendations

The minimum average required for admission consideration will normally be that required for regular admission from secondary school. Students applying under the Mature Student Regulation must submit official transcripts of any previous post-secondary work undertaken and are encouraged to write a letter explaining their activities since their last academic semester. This academic record will be considered by the Admission Committee in reaching an admission decision.

General Studies

The objective of General Studies is to provide students who do not meet the normal University admission criteria the opportunity to take university courses before registering in a specific degree program or to take university courses for continued learning with no immediate intention of registering in a degree program. All applicants must be Canadian citizens or Permanent Residents. Applicants will normally:

- not have previously registered at a university
- have completed the O.S.S.D. or equivalent and
- have been out of secondary school for a minimum of 3 years.

Applicants must submit a [General Studies Profile Form](#) in which they provide their intended study objectives, including courses and program. The University, via the General Studies Admission Committee, reserves the right to grant or deny admission to a candidate based on the appropriateness of the applicant's submissions.

Applicants to the General Studies program who wish to transfer to a degree program in the future should contact Admission Services, Office of Registrarial Services for specific internal transfer admission requirements. These requirements may vary with the degree program for which transfer is sought.

Application to General Studies in the first instance is for part-time study only and available for Fall entry point only. As such, students may take a maximum of 1.50 credits in the first semester. In special circumstances, permission to study full-time may be granted by the Program Counsellor. Normally, successful completion (minimum 60% cumulative average) of 1.50 credits is required before full-time study in General Studies can be undertaken.

Advanced Standing Admission

1. Advanced Standing Applicants from a recognized University or College in Canada

Applicants for admission to the University of Guelph transferring from an accredited university or college are normally subject to the following admission policy.

- Applicants must have completed the Ontario Secondary School Diploma including six 4U/M courses, or equivalent, for admission to the University of Guelph prior to the commencement of the academic session for which application is made.
- Applicants must be eligible for readmission and registration on a full-time basis at the last university or college attended in the academic session for which application is made. Applicants whose academic records at another university have rendered them ineligible to continue study at that institution will be considered for admission only when the stipulated period of rustication has expired.
- Students registered in a preliminary year, bridging year or first year at a recognized university or junior college to which students are admitted without having completed the Ontario Secondary School Diploma or the equivalent are eligible to apply for admission to first year at this University provided that their first or preliminary year program includes subjects equivalent to those 4U or 4M courses required for admission to each program. Credit towards graduation from the University of Guelph is not normally granted for work taken in the first year of the university program which does not require completion of the Ontario Secondary School Diploma or equivalent for admission.
- Admission of students transferring from another university or college is not automatic. All such applicants will be assessed in competition with other new applicants, taking into consideration the academic requirements and enrolment limitations which pertain at the time the application is complete. In addition, an offer of admission will not imply in any way that space will be available in the course(s) in which the applicant wishes to register.
- The University of Guelph subscribes to the following General Policy on the Transfer of Course Credits, as adopted by the Council of Ontario Universities: Acceptance of transfer credits among Ontario universities shall be based on the recognition that, while learning experiences may differ in a variety of ways, their substance may be essentially equivalent in terms of their content and rigour. Upon admission, and insofar as possible, acceptance of transfer credit should allow for the maximum recognition of previous learning experience in passed university-level courses. Subject to the degree and specialization to which the applicant is admitted, and to grade and program requirements, any course offered for credit by another Ontario university shall be accepted for credit when there is an essential equivalency in course content.
- In addition, the University of Guelph supports the intent of the Pan-Canadian Protocol on the Transferability of University Credits to develop consistent, fair and efficient systems to facilitate student mobility and program completion. In consideration of the principles of the Protocol, the University of Guelph undertakes to ensure that all course work completed by transfer students in the first two years of university study in Canada (including the final year leading to a diploma of college studies (DCS) in Quebec and the transfer courses offered by community colleges in British Columbia and Alberta) are recognized and, subject to degree, grade and program requirements are credited for the purpose of granting a degree provided that:
 - the applicant is deemed admissible and has been offered admission
 - a passing grade has been achieved in each course to be transferred and the grade is at the level that normally would be required of students at the University of Guelph and
 - the credits earned are related to the program of study in which the transfer student will register, or the credits can be counted as electives in the program of study.
- Candidates from non-Ontario universities or colleges applying for advanced standing may submit, with the application, detailed course descriptions, or a calendar of the institution at which they studied. The provision of such information will greatly facilitate the evaluation of previous work and the consideration of possible transfer of credits. The amount of transfer credit granted is at the discretion of the Registrar and the Dean of the College concerned.

Note: Where necessary, the grades from other universities or colleges whose marking schemes differ from those of this University shall be translated into the equivalent grades of the University of Guelph and admissibility assessed in those terms. Applicants for transfer, for whom English is a second language, must submit with their application, evidence acceptable to this University of Proficiency in English (see English Proficiency in this section of the Calendar).

h. Applicants who have been required to withdraw from the University of Guelph or another post-secondary institution and who pass university credit courses during the period of rustication, may be eligible for 1.00 credit provided the criteria for admission or readmission and transfer of credit are met. If university credit courses are successfully completed after the rustication period, transfer credit may be granted for all courses provided the criteria for admission or readmission and transfer of credit are met. Applicants who have been debarred for academic misconduct will not receive credit for courses taken during the period of debarment.

i. Applicants should contact Admission Services regarding specific transfer credit.

The application of these transfer credits will vary depending on the degree and specialization. The applicant must satisfy degree graduation requirements and residency requirements as outlined in Chapter VIII--Undergraduate Degree Regulations and Procedures.

Specific graduation requirements will be determined in consultation with the program counsellor and departmental advisor.

Applicants will typically be informed of the amount of advanced standing credit granted when they receive the offer of admission. Acceptance by the student of the offer of admission shall imply the student's agreement to the advanced standing credit granted.

2. Applicants from Universities Outside of Canada

The amount of credit granted will be dependent upon the institution and upon the educational system. Admission Services at the University of Guelph does not grant advanced standing for work experience or for involvement in programs such as the World Youth Organization. Please refer to Chapter VII Undergraduate Degree Regulations and Procedures for information on Prior Learning Assessment.

3. Advanced Standing Applications from Recognized Community Colleges or Other Post-Secondary Institutions

The University of Guelph will also consider the granting of advanced standing for studies completed in certain post-secondary institutions. Included in this category are:

a. Colleges of Applied Arts and Technology, and Institutes of Technology and Advanced Learning

Applicants from appropriate programs may be considered for admission with advanced standing in accordance with the following policy:

- i. Transfer credits are determined by the Admission Committee of the program to which the student is admitted and where applicable, in accordance with any existing articulation agreement or pathway. Please refer to the information at the beginning of Chapter IV on Articulation Agreements.
- ii. Transfer credits will be based on courses completed normally with a grade of 'B' or better, where those courses are deemed appropriate to the program to which the student is admitted at this University. A minimum overall average of B is normally required in diploma programs for consideration of any transfer credit.
- iii. Up to 10.00 credits may be granted to students transferring from a three-year diploma program, and up to 5.00 credits may be granted to students transferring from a two-year diploma program. The granting of additional transfer credits will be considered in the case of graduates from a one-year post-diploma program.
- iv. Should a student transfer to a different program after admission to the University of Guelph, credits assigned upon admission may be re-assessed where deemed appropriate by the Admission Committee of the program.

b. Colleges of Agricultural Technology

Graduates of the two-year Associate Diploma programs or other two-year programs offered by the Colleges of Agricultural Technology may receive a maximum of 5.00 transfer credits upon admission to a degree program. Graduates admitted to the Bachelor of Science in Agriculture program, Bachelor of Bio-Resource Management program, and Bachelor of Commerce, Food and Agricultural Business program may be eligible for additional transfer credit. A minimum overall average of 70% is required in the Associate Diploma Program(s) for consideration of any transfer credit.

4. CEGEPS - Province of Quebec

- a. Applicants who present the Diplôme des Etudes Collegiales may be eligible for advanced standing, to a maximum of 5.00 credits.
- b. For more specific information candidates may contact Admission Services, Office of Registrarial Services, University of Guelph.

Advanced Standing Entry Points

All undergraduate programs consider students applying from another post-secondary institution as advanced standing applicants to the Fall entry point. Winter and Summer entry to select programs is available. Applicants are considered as 'Advanced Standing' if they will receive 2.00 or more transfer credits upon admission. Applicants to the University are requested, where possible, to indicate on the Ontario Universities' Application Centre form their subject of primary interest. In many cases the program code to be inserted on the application form will include the subject of primary interest. It should be noted that an offer of admission applies to both the degree program and to the major area of study specified in the offer.

Because enrolment in certain courses is limited by the availability of resources, the University cannot guarantee that all students wishing to take a particular specialization will be accommodated. **Applicants wishing to enrol in courses offered in the distance only mode for personal interest or for professional development should contact the Centre for Open Learning and Educational Support for further information and to obtain the appropriate application form.**

Application Procedures

Current Diploma application procedures are outlined in the [Diploma Program Calendar](#). Applicants for part-time study are considered on the same basis as full-time applicants, and therefore must meet the published admission requirements for the program desired.

Applicants from Ontario Currently Enrolled in Secondary School

See information on "Admission Requirements" for specific course requirements for the various programs. The [OUAC 101](#) application should be used by all applicants who are currently enrolled in an Ontario Secondary School as a day school student. Normally applicants will receive an offer of admission to only one program or specialization at the University of Guelph. Applicants who apply to more than one program at the University of Guelph will have their highest choice program considered first. Only in the event that a student is ineligible for admission to the highest choice program will consideration be given to the lower choices during the final round of admission offers. Students who apply directly to a Co-op program and who are not admitted will be considered for the regular degree program. Applicants to the University are requested, where possible, to indicate on the application form their subject of primary interest. In many cases, the program code to be inserted on the form will include the subject of primary interest. It should be noted that an offer of admission applies to both the degree program and to the major area of study specified in the offer. Because enrolment in certain courses is limited by the availability of resources, the University cannot guarantee that all students wishing to take a particular specialization will be accommodated.

Applicants from Ontario Not Currently Enrolled in Secondary School

Applicants who are not currently enrolled in an Ontario secondary school as a day school student should use the [OUAC 105](#) application form. This includes the following types of applicants: adult, night school, correspondence, on line learning, and those who previously obtained the Ontario Secondary School Diploma.

Applicants who apply to more than one program at the University of Guelph will have their highest choice program considered first. In the event that a student is ineligible for admission to the highest choice program, consideration will be given to the lower choices during the final round of admission offers. Students who apply directly to a Co-op program and who are not admitted will be considered for the regular degree program.

Applicants also have the opportunity to complete and submit the Student Profile Form as indicated in the previous section.

All Other External Students

All other students should complete an [OUAC 105](#) application form. These applicants would include those applying from:

- a. secondary school outside Ontario
- b. CEGEP
- c. recognized college or university
- d. College of Applied Arts and Technology, and Institutes of Technology and Advanced Learning

In addition, students applying under the Mature Student Regulation, to General Studies, or to Non Degree should complete the 105 form. The 105 form is available on-line at <http://www.ouac.on.ca/105/>.

Applying From Outside Canada

Students applying from outside Canada are strongly advised to begin the application process six to eight months prior to the proposed entry point. Those applying for admission to the Fall semester should have their application in to Admission Services by February 15, followed by all required documentation, no later than March 1 in order to ensure a timely decision. Early admission consideration is possible if applications arrive by January 15 and documents by February 1. There are three application options:

1. International applicants (Non-Canadian or Non-Permanent Residents of Canada) applying to the main campus who do not intend to apply to another university within Ontario should complete the University of Guelph International Online Application form. This form is available at <https://admission.uoguelph.ca/intapp>. All documents should be sent directly to Admission Services.
2. Applicants who wish to apply to more than one university within Ontario or Canadians and Permanent Residents of Canada living outside of Canada should apply via the Ontario Universities' Application Centre, [105 application form](#). All documents should be sent directly to Admission Services.
3. International applicants (Non-Canadians or Non-Permanent Residents of Canada) may also use the Common Application found at apply.commonapp.org. Documents may be submitted through the Common Application.

Applicants who wish to check on the status of their application or to verify that all required documentation has been received may do so by checking their WebAdvisor account. Please refer to previous sections on Applicants from Outside Ontario and Applicants from Universities Outside of Canada for general information on admission requirements. The Admission Committees, upon receipt of a completed application form and all pertinent documentation, will make specific admission assessments for individual applicants.

Applying From Another Campus of the University of Guelph

Students wishing to transfer from The University of Guelph-Humber and from the Regional Ridgetown Campus should follow the process outlined at <https://admission.uoguelph.ca/internal>.

Applying For Internal Transfer or Readmission

University of Guelph students wishing to apply to another program within the University or for readmission should complete the Internal Transfer Application form, available at <http://admission.uoguelph.ca/internal>.

Amendments to the Application Form

A student who has applied via the [Ontario Universities' Application Centre \(OUAC\)](#) may verify their program selections and biographical information via the OUAC web site. Students wishing to revise their application should do so by accessing their on line OUAC account. If any changes are made, the University of Guelph will be notified of the applicable changes approximately 2-3 business days after OUAC receives the amendment. Although all amendments are important to the processing of each application, changes to academic program choice, residence status, last name, mailing and home addresses are of significant importance and should be reported via their OUAC account process as soon as the situation arises. Amendments must be completed by the published application deadline dates.

Students who have applied on a University of Guelph application form as opposed to an OUAC application form must notify Admission Services, in writing, of any biographical or academic status changes, using the Amendment form available online or at Admission Services.

Articulation and Pathway Agreements

Articulation and Pathway agreements are contracts between institutions of higher learning that allow students who have completed a specific program at one institution to be considered for admission and assigned advanced standing credits in a specific program or programs at another institution upon admission to the second program(s). Information about all University of Guelph Articulation and Pathways can be accessed at: admission.uoguelph.ca/articulation

Associate Diploma Programs

For information on programs offered, the requirements for admission, the procedures to be followed, course descriptions, etc., please view the current Diploma Program Calendar on-line at http://www.uoguelph.ca/diploma_calendar/.

Communication of Admission Decisions

Admission Services will use the mailing address and/or email address supplied by the applicant to communicate decisions. Applicants using the OUAC 105 application form or the applications found on the University of Guelph website can access their admission decision via WebAdvisor (access to this online tool will be made available once the application has been received). The University will not be held responsible for decisions sent to these addresses but not received.

Applicants who are not currently in any secondary or post-secondary program can normally expect to receive an admission decision within a three to four week period following receipt of the application and all official documents by Admission Services, provided they have not applied to a limited enrolment program. Typically applicants for limited enrolment programs will be considered at the same time in competition for the spaces which are available.

Students currently enrolled in a post-secondary program will normally be required to submit all official transcripts at the conclusion of their program before a final decision regarding their admission is made. An applicant who submits an official post-secondary transcript at the conclusion of their fall semester of their current academic year may receive an early offer of admission. This offer of admission will be conditional upon successful completion of the student's current academic year and conditions specified by the Admission Committee for the degree program to which the student is admitted. Official final transcripts will be required by the University of Guelph, for Fall entry, by June 1 to confirm that the conditions of early offers of admission have been satisfied. Students will be advised via email that admission conditions have been cleared.

Admission decisions for the D.V.M. program will not be made until after the deadline date for receipt of applications and documentation.

Co-operative Education

Students will be considered for admission to semester one of the Co-operative Education program upon receipt of application and supporting academic documentation. Normally, an average of 80% is the minimum required for consideration, but higher averages may be required for admission to individual programs where the demand by qualified applicants exceeds the supply of spaces. All students, including International applicants, are encouraged to explore Co-operative Education as an option. **

Specific subject requirements for admission to the various degree programs are outlined in a following section. In some cases, applicants may be required to submit a Background Information Sheet in support of their application. If a Background Information Sheet is required, Admission Services will forward information directly to the applicant upon receipt of the application.

Applicants who are refused admission to Co-operative Education will be considered for admission to the comparable regular degree program during the third round of secondary school offers of admission in mid-May. Please refer to Co-operative Education Programs in Chapter X for further information.

** Applicants to the Hotel & Tourism Management co-op program should be aware that due to the Schedule of Studies for the program, Fall start date is required. Students beginning their studies in the Winter cannot continue in co-op.

Deadline Dates - Advanced Standing and Non-Degree Programs

While the final dates for receipt of applications are listed on the chart below, applicants are advised to submit their applications well in advance of the proposed date of enrolment. The University of Guelph cannot guarantee that applicants submitting applications or supporting documentation after the deadlines will receive admission consideration for the Fall entry point due to space limitations which may exist within programs.

Deadline Dates for Advanced Standing and Non-Degree Programs

Program & Major Fall Semester	Application Deadline	Document Deadline
B.L.A.	May 1	May 1 - B.I.F. June 1 - Transcripts
D.V.M. - 2019 (Domestic)	December 1	February 1 - B.I.F. March 1 - References March 1 - Transcripts (A minimum of four full-time semesters (two full-time years) including D.V.M. admission course requirements must be completed before December 31, 2017)
International D.V.M. (VMCAS applicants)	September 15	November 1, 2019
International D.V.M., direct application to the University of Guelph	October 1	November 1, 2019
All other programs and major areas of study	May 1	June 1

ADMISSION CONSIDERATION CANNOT BE GUARANTEED FOR APPLICATIONS AND FOR DOCUMENTS RECEIVED AFTER THE DEADLINES DUE TO SPACE LIMITATIONS WHICH MAY EXIST WITHIN PROGRAMS.

Some programs will consider applications for Winter and Summer entry. For a complete listing and applicable deadline dates, please visit <https://admission.uoguelph.ca/>

English Proficiency

Lectures, seminars and examinations in the University are, for the most part, conducted in English and it is essential that all students have an adequate knowledge of written and spoken English in order for them to be successful in their university studies. Applicants for admission will be required to present evidence of English proficiency if:

1. their primary or first language (meaning the language first learned as a child) is not English; and
2. they have had fewer than four years of full-time secondary or post-secondary study, demonstrating satisfactory academic progress, in an English-language school system

Francophone Canadian citizens educated in Canada will not be required to meet the English Language Proficiency Requirement. Students who have completed the International Baccalaureate diploma where English was the language of instruction will be considered as having met the English Proficiency Requirement. Students who successfully complete the Advanced Level of the English Language Certificate program at the University of Guelph will be considered as having met the English Proficiency requirement for undergraduate studies; for more information, visit the website at: <http://www.eslguelph.ca/>. The University reserves the right to deny admission to applicants who do not demonstrate satisfactory facility in English, regardless of academic qualifications.

Applicants required to meet the English Proficiency Requirement must do so by submitting the required scores in one of the following tests or battery of tests as outlined in points 1-7. Test results must be submitted to Admission Services prior to admission by the published document deadline.

1. Test of English as a Foreign Language (TOEFL)

The internet-based test requirement is a total score of 89 with no section less than 21.

These tests are offered on several dates each year by centres throughout the world. For more information please visit: (<http://www.ets.org>).

2. International English Language Testing System (IELTS)

Minimum overall score of 6.5 with no band less than 6. Information on test centres and registration can be obtained from IELTS Administrator, <http://www.ielts.org/>.

3. Cambridge English: C1 Advanced and C2 Proficiency

Minimum overall score of 176 with no band less than 169. Information on test centres and registration can be obtained from Cambridge Assessment English, <https://www.cambridgeenglish.org/>.

4. The Michigan English Language Assessment Battery (MELAB)

Minimum overall score of 85 is required, a minimum composition score of 83. In addition, applicants must present a minimum score on the oral test of 3.

Information on the MELAB is available at <http://www.lsa.umich.edu/eli/testing/melab.htm>.

5. Canadian Assessment of English Language (CAEL)

Minimum overall band score of 70 is required. Information on the CAEL is available at <http://www.cael.ca/>

6. Pearson Test of English (PTE)

Minimum overall score of 60 with no score less than 60 in the individual components is required. Information on the PTE can be found at: <http://www.pearsonpte.com/Pages/Home.aspx>.

7. Advanced Level, English Language Certificate Program or the Integrated Admission Pathway, University of Guelph

Successful completion of either the Integrated Admission Pathway or the Advanced Level of the English Language Certificate Program at the University of Guelph satisfies English language proficiency.

Successful completion of the Integrated Admission Pathway requires:

- Completion of English Language courses with an overall average of 75% and no course average below 70%, equivalent to the ELCP Advanced Level and achievement of the Certificate of English Proficiency, which meets the University's English proficiency requirements.
- Successful completion of all credit courses with a minimum 60% cumulative grade.

For more information, visit the University of Guelph English Language Program website at: <http://www.eslguelph.ca/>

Open Learning

The Open Learning program is an open admission distance-only mode of study program which provides access to university courses for individuals who wish to study independently and who are not interested in pursuing a degree at the present time. This program is designed to extend the academic resources of the University to individuals who wish to take courses for personal enrichment, professional updating or eventual application to a degree program.

No limit applies to the total number of distance education courses taken through Open Learning although students may enrol in a maximum of 1.50 credits (three courses) per semester.

Students wishing to apply to transfer from Open Learning to a degree program should contact Admission Services to obtain admission information specific to the degree program of their choice.

All students must have completed any specific secondary school subject requirements, or equivalents, and their post-secondary academic record must meet the requirements for Continuation of Studies. The academic record from any previous post-secondary experience will also be considered in determining admissibility. Applicants must also satisfy the English Proficiency requirements as outlined in the previous section.

For some programs, performance in specific required courses, forms or required background experience, where applicable, may be a consideration for admission. For all programs, where qualified applicants exceed the number of spaces available, admission decisions will be made on a competitive basis.

Individuals wishing to apply to the Open Learning program should contact [Open Learning and Educational Support](#) for further information by email at info@OpenEd.uoguelph.ca or by calling 519-767-5000.

Post-Degree and Letter of Permission

University graduates who wish to enrol in degree courses to upgrade their degree or to gain credit for admission to a graduate or other academic program should apply to a non-degree category (e.g. B.A. non-degree). Applicants must hold a degree which is recognized as equivalent to a Canadian university's undergraduate or graduate degree. A student from another university wishing to register at the University of Guelph to take courses for credit at the home university must present The Visiting Student application and a Letter of Permission from the Registrar, Dean or program supervisor of the home institution authorizing a program selection. For details please visit <https://admission.uoguelph.ca/letterofpermission>.

The Post-Degree and Visiting Student (LOP) categories are not normally open to applicants who do not meet University of Guelph general regulations for continuation of study outlined under Continuation of Study, Undergraduate Degree Regulations, Chapter VIII of the Undergraduate Calendar and transfer requirements.

An offer of admission to post-degree or on the basis of Letter of Permission does not imply in any way that space will be available in the course(s) in which the applicant wishes to register. Students should contact Enrolment Services about space availability in their desired courses.

A post-degree applicant who has not previously registered at the University of Guelph, should apply at the Ontario Universities' Application Centre (OUAC) using the [OUAC 105 Online Application Form](#) using code GND. An applicant who has previously registered at the University of Guelph should apply online as a Non-Degree Readmission Student. All post-degree applicants must submit the Supplementary Information Form for Degree Holders.

Students who register in the non-degree category and who subsequently want to change to a degree status will be required to meet admission requirements for that program, and credit granted for courses taken in the non-degree category will be subject to the regulations pertaining to that program. Students should see their program counsellor for details.

Second Degrees

Students from the University of Guelph or from another university may be admitted to and graduate with a second undergraduate degree from the University of Guelph, under the following conditions:

- Students who have graduated with their first degree must apply to the University of Guelph for admission to the second degree program. A maximum of 10.00 credits may be transferred from the initial degree program.
- In-course University of Guelph students may apply to graduate with two degrees at the same convocation. A maximum of 10.00 credits may be transferred from the declared program to the undeclared program.

In a) and b), the course content of the second degree program must be substantially different from that of the first. A second degree is judged to be substantially different if:

- The specializations are in different subject areas as listed in Chapter XII--Course Descriptions; or
- The schedule of studies requirements are substantially different (no more than 25% overlap).

This rule is also applicable to different subject areas within the same degree program, allowing, for example, a second B.A. or B.Sc. degree to be awarded as long as the criteria are met.

Honours Equivalent

Students from the University of Guelph or another university may upgrade a degree from the general program to the honours program to obtain an Honours Equivalent recognition. Students may also upgrade a degree from the honours program by the completion of an additional specialization to qualify for the Honours Equivalent recognition. All interested students must apply for admission to the Honours Equivalent program per the application procedures outlined in this Chapter (IV - Application Procedures). All previous University of Guelph credits may be utilized toward the equivalent degree from the honours program.

To be granted an Honours Equivalent, students must satisfy the University of Guelph residence requirements. In addition, students must satisfy the conditions for graduation for the specified honours program using the Calendar that is in effect for the semester to which they have been admitted.

The students who are granted the Honours Equivalent designation do not receive a second degree parchment and do not participate in a convocation program, but have the designation shown on their transcript. Graduation standing is not assigned for the Honours Equivalent designation.

Prior Learning Assessment (PLA)

At the University of Guelph, Prior Learning Assessment (PLA) is an acceptable process for assigning credit at the undergraduate level for learning stemming from experience acquired independently of courses taken at university. PLA provides a mechanism whereby credit is given for equivalence in a university course to those students who have mastered the content of the course concerned without having taken a formal course in the subject area. Such mastery may have been acquired, for example, through work experience, independent study or from non-degree courses. In the absence of a certificate or other formal acknowledgement of competence by an appropriately accredited institution.

Students should contact Enrolment Services for application forms and further information.

Readmission

Previously registered University of Guelph students must apply to Admission Services for readmission under any of the conditions outlined below. In some cases, applicants may reapply for the Fall entry point only. Applicants should contact Admission Services for details if:

1. They were required to withdraw from their program for a period of two or more semesters.
2. They were suspended from the University for academic misconduct.
3. They have graduated from this University and wish to register for additional courses.
4. Since their most recent registration at the University of Guelph, they registered in a program or courses at another post-secondary institution and wish to return to the University of Guelph.
5. They have not registered at the University of Guelph for six or more consecutive semesters.
6. They are attending the University of Guelph on a Letter of Permission and wish to continue beyond the term of the letter of permission agreement.

Readmission to a program at the University of Guelph is not automatic. Students who are required to withdraw must apply for readmission to the University after completing the minimum two semesters of rustication. Students should consult sub-sections regarding appropriate admission requirements and deadline dates in this Chapter (IV--Admission Information). Applications for readmission should include a statement which outlines the basis for readmission. Criteria used for readmission may differ by academic program. Students considering readmission should consult with the appropriate admission counsellor regarding procedures and criteria for readmission to that program.

Students apply for readmission online via the Internal Transfer/Readmission application. An application fee is payable at the time the application is submitted. Refer to <http://admission.uoguelph.ca> for further information.

On December 19, 1995, the University Senate approved the following policy for the granting of credit while on rustication:

1. Students who have been required to withdraw, and who take university credit courses during their rustication period, will be eligible for up to 1.00 credit provided they meet the criteria for readmission and the criteria for the transfer of credit. Students registered for courses through the Open Learning program are not permitted to attend courses on campus.
2. Students who take university courses after the two-semester rustication period may normally transfer all these credits provided the student meets the criteria for readmission and the criteria for the transfer of credit.
3. Students who have been suspended for academic misconduct will not receive any credit for courses taken during the suspension period.

Note: This policy applies to any university credit course taken during the rustication period.

Right of Selection

It should be carefully noted that possession of the minimum requirements does not in itself guarantee admission to any of the programs or specializations offered at the University of Guelph. For all programs for which the number of qualified applicants exceeds the capacity, the University reserves the right to select the quota from among the qualified applicants.

For students applying to enter the University for the first time, the decision of the Admission Committee is final and there shall be no appeal to that decision.

An applicant for readmission may, under specific circumstances, appeal the decision of the Admission Committee to deny readmission. Refer to Readmission in Chapter IV--Admission Information.

Applicants are reminded that the University is a dynamic institution and that information pertaining to admission may change. It is the responsibility of the applicant to ascertain admission requirements at the time of application.

For additional admission information, visit the Admission Services website at <https://admission.uoguelph.ca/>

Specific Subject Requirements and Recommendations

University of Guelph Programs

Specific subject requirements for the following programs offered by the University of Guelph are listed below:

Bachelor of Applied Science

Bachelor of Arts

Bachelor of Arts and Sciences

Bachelor of Bio-Resource Management

Bachelor of Commerce

Bachelor of Computing

Bachelor of Engineering

Bachelor of Landscape Architecture

Bachelor of Science

Bachelor of Science in Agriculture

Bachelor of Science in Environmental Sciences

Doctor of Veterinary Medicine

Specific subjects are listed under the current OSS Curriculum. If an applicant has completed two courses which are deemed to be equivalent, only one will be used in calculating the admission average (e.g. OAC English and 4U English). The Non-Academic component of 4U/M co-op courses is not accepted as a contribution to admission requirements.

Out of province applicants should visit <http://admission.uoguelph.ca/outofprov> for applicable subject requirements. Students applying with educational credentials obtained outside of Canada should consult <http://admission.uoguelph.ca/equivalency>.

Bachelor of Applied Science--B.A.Sc.

Child, Youth and Family; Adult Development

ENG4U; one course in a 4U Mathematics; SBI4U or SCH4U; three additional 4U or 4M courses.

Applied Human Nutrition

ENG4U; one course in a 4U Mathematics; SBI4U; SCH4U; two additional 4U or 4M courses.

Recommendations and Notes:

- Biology (SBI4U) is the recommended science course for students pursuing a major in Child, Youth & Family or Adult Development

Bachelor of Arts--B.A.

ENG4U; five additional 4U or 4M courses.

Recommendations and Notes:

1. All applicants to programs in the Social Sciences are strongly encouraged to offer a course in Mathematics among the additional five courses.
2. Students planning on entering programs in Economics; Food, Agricultural and Resource Economics; Mathematical Economics; or Mathematical Science are strongly recommended to complete 4U Advanced Functions (MHF4U) prior to registering.

Bachelor of Arts and Sciences--B.A.S.

ENG4U; MHF4U; two 4U courses from SBI4U, SCH4U or SPH4U; one 4U or 4M Arts or Social Science; one additional 4U or 4M course.

Bachelor of Bio-Resource Management--B.B.R.M.

Environmental Management; Equine Management - ENG4; SBI4U; and four additional 4U or 4M courses. Food Industry Management – ENG4U; MHF4U; SBI4U; SCH4U; and two additional 4U or 4M courses.

Bachelor of Commerce--B.Comm.

Accounting; Food and Agricultural Business; Management; Marketing Management; Management Economics and Finance; Real Estate and Housing and Undeclared

ENG4U; MHF4U; one additional 4U Mathematics course, three additional 4U or 4M courses.

Hospitality and Tourism Management; Public Management

ENG4U; MHF 4U; four additional 4U or 4M courses.

Bachelor of Computing--B.Comp.

ENG4U; MCV4U; four additional 4U or 4M courses.

Recommendations and Notes:

1. Computing and Mathematics of Data Management courses are recommended, as are any other courses necessary to prepare the student for study in an "Area of Application".

Bachelor of Engineering--B.Eng.

ENG4U; MHF4U; MCV4U; two 4U courses from SBI4U, SCH4U or SPH 4U; one additional 4U or 4M course.

Recommendations and Notes:

1. All applicants are encouraged to include both 4U Physics and Chemistry in their courses.
2. Applicants are considered on the basis of academic performance and a review of a Student Profile Form, if submitted for consideration. Differential criteria may prevail for admission to the various B.Eng. programs. Students who are admitted but lack specific required courses must complete replacement courses available at the University which do not count towards the 23.50 credits required for the B.Eng. program. Students intending to enrol in these courses should consult the timetable and Chapter XII of the Calendar to determine the semesters during which they are offered.
3. Applicants who lack one specific subject requirement but who have a high overall academic standing are encouraged to apply for admission to the regular (non-coop) program. Replacement credits are available at the University of Guelph.

4. Students selecting a major in Environmental Biological or Biomedical Engineering are advised to include Physics, Chemistry and Biology in their program of study. Students intending to major in Mechanical or Water Resources Engineering should include Physics, Chemistry and one of Biology or Computer Studies; Mechanical Engineering, Computer Engineering and Engineering Systems and Computing majors should include Physics, Chemistry and Computer Studies.

Bachelor of Landscape Architecture--B.L.A.

ENG4U; five additional 4U or 4M courses.

Recommendations and Notes:

1. Applicants are required to submit a Background Information Form. A breadth of courses in the social, physical and biological sciences as well as the arts and languages is encouraged for all applicants.

Bachelor of Science--B.Sc.

ENG4U; MHF4U or MCV4U (see note 4); two 4U courses from SBI4U, SCH4U or SPH4U; two additional 4U or 4M courses.

Recommendations and Notes:

It is highly recommended that students select one of the two additional courses bearing in mind:

1. Their eventual specialization.
2. Regulation I on Introductory Courses, Chapter IX-B.Sc. Applicants who lack one specific 4U requirement but who have a high overall academic standing are encouraged to apply for admission to the regular (non-coop) program.
3. Applicants are advised to include Biology, Chemistry and Physics among their 4U courses.
4. Applicants to the following B.Sc. majors must include MVC4U: Biological and Pharmaceutical Chemistry; Chemistry; Biological and Medical Physics; Chemical Physics; Mathematical Science; Physics; Theoretical Physics; Nanoscience; Physical Science; Environmental Geoscience and Geomatics.

Bachelor of Science in Agriculture--B.Sc. (Agr.)

ENG4U; MHF4U; two 4U courses from SBI4U, SCH4U or SPH4U, two additional 4U or 4M courses.

Bachelor of Science in Environmental Sciences--B.Sc. (Env.)

ENG4U; MHF4U; two 4U courses from SBI4U, SCH4U or SPH4U, two additional 4U or 4M courses.

Recommendations and Notes:

1. To be best prepared for semester one of the program, all applicants are advised to include 4U Biology, Chemistry, and Physics.
2. Students who lack any one specific subject requirement but who have a high overall academic average are encouraged to apply for admission to the regular (non-coop) program. Students who are admitted with a deficiency in one of the secondary school requirements are encouraged to seek advice from their academic or admission counsellor. This deficiency must be resolved in the first year of the program.

Doctor of Veterinary Medicine-D.V.M.

The class size in the Doctor of Veterinary Medicine (D.V.M.) Program is limited to approximately 120 students.

Academic Requirements

For admission to the D.V.M. Program, a minimum of four full-time semesters (10.00 credits), including specific prerequisite courses:

1. Biological Sciences - 1.00 credits (2 semester courses, with recommended emphasis on Animal Biology)
2. Cell Biology - 0.50 credit (1 semester course)
3. Genetics - 0.50 credit (1 semester course)
4. Biochemistry - 0.50 credit (1 semester course)
5. Statistics - 0.50 credit (1 semester course)
6. Humanities or Social Sciences - 1.00 credit* (2 semester courses)

Applicants must complete prerequisite courses while registered on a full-time basis (e.g. University of Guelph 2.50 credits per semester, the equivalent of five half-year courses per semester).

Note: Academic requirements for applicants to the D.V.M. Program for 2019 Entry are as follows:

To be eligible to apply for September 2019 entry to the D.V.M. Program students must have completed a minimum of four full-time semesters, including all D.V.M. admission course requirements, at a recognized university before December 31, 2018.

Please refer to the 2019 D.V.M. application and required document deadline dates at: <http://www.ovc.uoguelph.ca/recruitment/en/index.asp>

*Students entering the D.V.M. Program should be able to operate across discipline boundaries recognizing the relevance of the humanities and the social sciences to their career choice. In selecting these courses from among those acceptable, the prospective veterinary student should consider topics such as ethics, logic, critical thinking, determinants of human behaviour and human social interaction.

All courses must be at university level. Applicants should consult the list of acceptable University of Guelph courses and subject areas online at <http://www.ovc.uoguelph.ca/recruitment/en/index.asp>. Courses need not be completed in a specialized college or faculty or in a designated Pre-Veterinary program. Students wishing to undertake their preparatory work at the University of Guelph should seek admission to the Bachelor of Science or the Bachelor of Science in Agriculture programs. Any student who has attended university and completed two years of a full-time bachelor's degree and fulfilled the DVM entry requirements can apply to the D.V.M. program at the Ontario Veterinary College.

Applications will also be considered from persons who have successfully completed a graduate program and from persons currently enrolled in a graduate program. For those persons currently enrolled, all the requirements of the program must be successfully completed by August 1st of the year of entry to the D.V.M. Program. Persons who qualify must indicate their desire to be considered in the graduate student cohort. Their application will then be removed from the undergraduate applicant pool and considered separately. Selection for interviews will be made on the basis of academic achievement including grades in acceptable prerequisite subjects (undergraduate and graduate courses), evaluation of the Background Information Form, two letters of reference from persons assessing the applicant's skills and knowledge of veterinary medicine and two letters of reference for persons familiar with the applicant's performance as a graduate student. Final selection will be based on this information and an interview. Normally a maximum of five students will be selected from this cohort each year.

Because of limitations in class size, all candidates should have an alternative career objective and course selection should be compatible with this objective.

Residence Requirements

Canadian citizens or individuals who have Permanent Resident Status of at least one year's duration are eligible to apply as domestic students if they also satisfy the Ontario residency requirement. 'Resident' in this context is interpreted to mean someone who has resided in Ontario for twelve months, exclusive of time spent in post-secondary institutions.

Selection Criteria

Since the number of applicants who satisfy the specific course requirements exceeds the number of available spaces in the D.V.M. Program, the Admissions Sub-Committee may use the following criteria to determine those who will be admitted. The members of the Sub-Committee endeavour to select those well-qualified applicants who, in their judgement, will be best able to successfully complete the veterinary medicine curriculum and who exhibit potential to become competent, responsible veterinarians dedicated to a lifetime of productive public service and continued learning. Candidates should pay attention to the selection criteria and attributes required for entry into the D.V.M. Program and use this information to guide them in preparation for application.

1. Academic Achievement and Aptitude

In view of the need to efficiently and quickly learn large amounts of factual material and to solve problems, applicants must have demonstrated achievement in the comprehension of scientific material. This will be evaluated by the scrutiny of transcripts of previous academic records. Attention will be paid to both the quality and consistency of grades in the program presented as preparation for admission, particularly for those applicants who have spent more than the minimal time in preparation. Course selections in an applicant's last two full-time semesters will be reviewed for academic coherence. For the purpose of D.V.M. admissions, a full-time semester will include at least 5 half-year courses (2.50 credits) from the acceptable list. It is expected that the level of an applicant's courses will correspond to the semester level (year) of their program. Please refer to information regarding acceptable courses at: <http://www.ovc.uoguelph.ca/recruitment/en/applyingtodvm/Academicrequirements.asp>.

2. Animal and Veterinary Experience

As part of the application process, candidates must demonstrate sufficient knowledge of the profession, its dimensions and the industries it serves to permit the candidate to make and defend their career choice. This requires the candidate to spend adequate time under the supervision of veterinarians in clinical practice situations (volunteer or paid) in order to gain hands-on experience with a range of animal species. Practice situations include, but are not limited to, large, small, mixed, avian and exotic animal clinics; thus introducing the applicant to food producing, companion, zoo and wildlife animals, or aquaculture. Other work or volunteer experience with veterinarians can include non-practice situations such as industry (e.g. veterinary products, pharmaceutical), research and academia (universities), and government (e.g. public health, regulatory affairs). There is an expectation that candidates will be able to demonstrate for each animal or veterinary experience the role of the veterinarian, production and breeding systems, general features of housing and feeding, productivity measures and norms, marketing systems, animal behaviour relevant to restraint, feeding and reproduction, and emerging trends and issues in the industry.

3. Background Information and Referees' Assessments

Successful candidates should have integrity, reliability, maturity and determination. It is important that professionals have excellent communication and leadership skills, and that they have a talent for effectively working with others. To assist in identification of candidates who possess these and other attributes, applicants must complete a Background Information Form, in which they will describe their academic program, work experience and extra-curricular activities. In addition, applicants will be asked to write a short essay about why they wish to study veterinary medicine. Confidential referee reports will be required from three persons qualified to give unbiased, informed, critical assessments of the applicant. A minimum of two of the three references that applicants select must be veterinarians with whom they have obtained animal and veterinary experience in the fulfillment of the selection criteria outlined in Section 2.

4. Interviews

Applicants may be invited to an interview. The interviews for undergraduate domestic and international applicants to the Doctor of Veterinary Medicine program follow the Multiple Mini Interview (MMI) format. Graduate cohort applicants will be interviewed individually in the traditional format. The MMI consists of a series of short, timed, structured interview stations that draws multiple samples of a candidate's ability to think on their feet, communicate opinions and ideas, critically appraise information and demonstrate advanced thought/knowledge of the issues facing the profession. At each station candidates are presented with a scenario to which they must react and explain their interpretation of the scenario to assessors who then mark the candidate based on a scoring rubric. The non-academic skills assessed by the MMI reflect the educational goals and objectives of OVC as well as the skills identified by the veterinary profession in Ontario as being necessary for a successful career. All interviews are held at the University of Guelph (no exceptions can be made).

Additional Attributes Required for Entry into the D.V.M. Program

Applicants should be aware that a number of attributes are required for admission to the Program. In addition to those already identified above under *Selection Criteria* (e.g. academic achievement, academic aptitude, integrity) a number of others, some of which relate to certain University of Guelph Learning Objectives, have been identified. These are presented here to assist prospective candidates in preparing themselves for admission.

1. Literacy and Numeracy

Literacy and numeracy are the bases on which all knowledge is founded. The ability to read, write, and calculate are fundamental intellectual tools. Students entering the D.V.M. Program will be able to demonstrate literacy skills at least to the basic level as described under *Literacy* in the University of Guelph Learning Objectives. They will be able to assimilate and comprehend written language at a basic level, to summarize information in a coherent manner, and use appropriate language in context. Successful applicants must be able to devise a topic or concept for discussion, frame its bounds and communicate its content.

Students entering the D.V.M. Program will understand the value and principles of describing situations in numeric terms. They will be able to assimilate and comprehend numeric data and use appropriate tools to manage such information. They must be able to use skills of numeracy to check validity of information, to use and correctly interpret appropriate statistics to describe the distribution of observations in individuals and populations, and be able to perform basic tests of hypotheses (t-test, chi-square and simple regression) and interpret these correctly.

2. Communication Skills

Communication is the process of interacting with others respectfully and involves an exchange of information, feelings and values. It includes intrapersonal communication (self-understanding, self-evaluation, and reasoning) and interpersonal communication (interaction with others, relationship and self-disclosure). Through interpersonal communication, relationships are started, maintained, or destroyed. Good communication involves an understanding of self-awareness, of self-esteem, of feelings and emotions, the development of listening skills and the willingness to disclose oneself truthfully and freely. Good communication also requires an understanding of principles of language and verbal interaction, principles of non-verbal communication, and of interpersonal communication and relationships (relationship development and deterioration, improvement of interpersonal communication, conflict management, interviewing skills etc.)

Students entering the D.V.M. Program will be able to: listen respectfully and comprehend appreciatively; practice the elements of good interpersonal communication successfully; demonstrate the ability to work cooperatively; and communicate effectively by oral, written, and electronic means at the appropriate literacy level. Successful applicants will be able to recognize the non-verbal aspects of communication by considering feelings, emotions, and values as elements of communication.

3. Judgement

Students entering the D.V.M. Program will be able to use knowledge, observational and analytical skills, with due consideration of value systems, to evaluate and implement decisions. They will be able to identify and articulate their personal value system; identify ethics and standards of conduct; and identify the values and assumptions that may be operative in various contexts. They must be able to identify, critically evaluate and accept the implications and consequences of decisions, to re-evaluate decisions based on new information, and deal effectively with uncertainty. They will be able to accept that self-assessment of ethics and standards of conduct are a professional responsibility, and accept that others may have different values and assumptions and respect those differences.

4. On-Going Curiosity (self-initiated learning)

Students entering the D.V.M. Program must be able to use self-initiated learning to maintain and enhance depth and breadth of understanding. They must recognize limitations of their knowledge, skills and attitudes, identify sources of ongoing learning opportunities, and demonstrate a commitment to on-going learning and self-evaluation.

5. Forms of Inquiry

Students entering the D.V.M. Program will be able to identify and articulate the strengths and weaknesses, similarities and differences of various forms of inquiry (i.e. those used by the physical scientist, the biological scientist, the social scientist and the scholar of the humanities). They will be able to describe and apply the scientific method, and articulate and evaluate personal problem-solving processes.

6. Essential Skills and Abilities

Please refer to Essential Skills and Abilities required for the Study of Veterinary Medicine at: <http://www.ovc.uoguelph.ca/recruitment/en/applyingtodvm.asp/>

Application Procedure

Applicants currently or previously registered at the University of Guelph will use the internal application for transfer or readmission from Admission Services on-line at <http://admission.uoguelph.ca/internal>. All other domestic applicants, including those with dual Canadian citizenship, must apply through the Ontario Universities Application Centre <http://www.ouac.on.ca/>.

International applicants should apply through the Veterinary Medical College Application Service (VMCAS). For further details see <http://aavmc.org/vmcas/vmcas.htm>. Alternatively, international applicants can apply using the University of Guelph International Application found at <https://admission.uoguelph.ca/intapp>.

Application Deadline Dates

For Canadian citizens or permanent residents of Canada who satisfy the Ontario residency requirement applying to the first year of the Doctor of Veterinary Medicine Program, application forms must be received no later than December 1, 2018.

Please refer to deadline dates for supporting documentation, references, official transcripts and the Background Information Form at: <http://www.ovc.uoguelph.ca>.

The deadline for International applicants using the VMCAS application is September 15. Those applying directly to the University of Guelph are advised to apply and submit all supporting documentation by October 1.

Application Limitation

In total, only four applications for admission to the D.V.M. Program will be considered from an individual.

Requests for Deferrals

Requests for deferral of admission to the D.V.M. program will not be permitted except on approval by the Admissions Committee due to significant medical, psychological or compassionate reasons.

Rabies Immunization

A condition of admission to the D.V.M. Program is agreement to a rabies immunization program which includes blood titre evaluation. Exemption from this condition may be granted in exceptional circumstances, but the student concerned must sign a release absolving the University of further liability.

Use of Animals

Live animals may be used for teaching purposes in some courses in the Veterinary Program, and this must be accepted by students admitted to the program. All animals are protected by the Animals for Research Act of Ontario (1980), the Guidelines for the Care and Use of Experimental Animals (Canadian Council on Animal Care), and the Animal Care Policies of the University of Guelph.

University of Guelph-Humber Programs

Admission requirements for University of Guelph-Humber programs are listed at: [University of Guelph-Humber](#)

Submission of Documents

Each of the following applicable documents must be sent in support of an application. Please note that official transcripts submitted will become the property of the University of Guelph. Normally, official transcripts must be sent directly to the University by the institution issuing the document. **The applicant is responsible for ensuring that all documents are received in Admission Services by the document deadline.** No decision will be made until all documents have been received. Personal documents will be returned upon written request. Applications with incomplete documentation after the document deadline date will not receive consideration if the program is filled and closed.

1. Ontario Secondary School Diploma or equivalent Senior Matriculation Certificates, (e.g. Alberta Grade 12, G.C.E. etc.). Students currently enrolled in their final year of secondary school in Ontario are not required to submit documentation as decisions for early admission are based on interim grades reported by the secondary school.
2. Official transcripts of all academic work taken at the post-secondary level, (e.g. university, college, etc.)
3. Transcript of marks from the last secondary school attended.
4. Any other documents demonstrating academic results or ability, or explaining the level of academic performance.
5. Any supplementary information required as part of the application.

Use of Animals in Teaching

Animals are used to support the teaching in some courses. The University of Guelph is dedicated to maintaining a high level of animal care in all of its teaching programs. Regulated by the Animals for Research Act, the University is in compliance with the standards set by the Canadian Council on Animal Care. Guelph has long been a leader in the promotion of animal welfare issues, and in 1989, established the Colonel K.L. Campbell Centre for the Study of Animal Welfare, the first such centre in North America. The Centre promotes humane systems of animal management and fosters the development of alternatives in animal use in research and teaching.