2019-2020 Diploma Program Calendar

The information published in this Diploma 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 Diploma Calendar is available in PDF format.

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

Ridgetown Campus

Guelph Campus

The University is a full member of:
• Universities Canada

Contact Information:

University of Guelph
Guelph, Ontario, Canada
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519-824-4120

Revision Information:

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 4, 2019</td>
<td>Initial Publication</td>
</tr>
<tr>
<td>April 8, 2019</td>
<td>Second Publication</td>
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</table>
The information published in this Diploma 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 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, 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 Advanced Education and Skills Development, and Statistics Canada, for statistical and planning purposes, and is disclosed to other individuals or organizations in accordance with the Office of Registral Services Departmental Policy on the Release of Student Information. For details on the use and disclosure of this information call the Office of Registrarial Services at the University at (519) 824-1400 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, 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 of Advanced Education and Skills Development, 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 education 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-training-colleges-universities (English) or https://www.ontario.ca/fr/page/ministere-de-la-formation-et-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.


Frequently Asked Questions related to the Ministry’s enrolment and OEN data activities are also posted at: http://www.tcu.gov.on.ca/pepa/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 Ministry of Training, Colleges and Universities Act 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 Chapter 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 Chapter 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=FP982F8A9AE4076BE4F3D88147172B8.
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 and diploma 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.
Table of Contents

X. Associate Diploma Programs ........................................... 38

Program Information .................................................................. 38
ASSOCIATE DIPLOMA PROGRAMS AND LOCATIONS .................. 38
Associate Diploma in Agriculture ........................................... 38
Areas of Study ........................................................................ 38
Required Courses .................................................................... 38
Restricted Electives ................................................................. 38
Associate Diploma in Environmental Management ...................... 38
Required Courses .................................................................... 38
Associate Diploma in Equine Care and Management .................... 39
Required Courses .................................................................... 39
Associate Diploma in Horticulture ............................................ 39
Required Courses .................................................................... 39
Electives .................................................................................. 39
Associate Diploma in Turfgrass Management ................................ 39
  Required Courses .................................................................. 40
  Electives .............................................................................. 40
Associate Diploma in Veterinary Technology ............................. 40
  Option 1 - Conventional Program (4 semesters over 2 years) ........ 40
  Option 2 - Alternative Program (9 semesters over 3 years) .......... 40
Degree Transfer Option ............................................................. 41
Open Learning ......................................................................... 41
X. Associate Diploma Programs

Program Information

As a result of an enhanced contract agreement between the University of Guelph and the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) effective April 1, 1997, the Agricultural College at Ridgetown now operates as a Campus of the University of Guelph. Two-year diploma programs are offered at the Ontario Agricultural College, University of Guelph and at Ridgetown Campus with financial support from OMAFRA. The diploma programs offer a blend of the theoretical and practical courses designed to prepare graduates to assume a broad range of positions in the agricultural and food sciences. All programs offer courses in applied science, business management, production and marketing. Specific diploma programs offered at Ridgetown Campus has a standardized core curricula to ensure common standards are maintained. Common core courses are supplemented with electives with specific regional specializations.

The programs run for two semesters beginning in September until late April followed by a one semester summer break. Second year classes resume in the following semester and when students successfully complete all of the associate diploma requirements graduate with an Associate Diploma.

ASSOCIATE DIPLOMA PROGRAMS AND LOCATIONS

G: Guelph; R: Ridgetown.

Associate Diploma Programs and Locations

<table>
<thead>
<tr>
<th>Program</th>
<th>G</th>
<th>R</th>
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<tbody>
<tr>
<td>Agriculture</td>
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<tr>
<td>Environmental Management</td>
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</tr>
<tr>
<td>Horticulture</td>
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<td>X</td>
</tr>
<tr>
<td>Turfgrass Management</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Veterinary Technology</td>
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</tr>
</tbody>
</table>

Associate Diploma in Agriculture

This program provides a practical, skills-oriented approach to agricultural production systems and affords its students an opportunity to improve their business and managerial skills. Diploma in Agriculture students integrate practical experience in agricultural production with the technical and scientific information that is required to successfully operate modern food production enterprises. Business management, computer skills, and problem solving activities provide students with the abilities they require as self-employed managers of production systems, and as technical/sales employees of agri-business firms, commodity boards, and other agencies related to the agri-food system.

Areas of Study

R: Ridgetown

<table>
<thead>
<tr>
<th>Program</th>
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<tbody>
<tr>
<td>Agri-business Management</td>
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<tr>
<td>Animal Production</td>
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<tr>
<td>Field and Horticultural Crop Production</td>
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Required Courses

Semester 1 - Fall

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<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>DAGR*1000</td>
<td>0.50</td>
<td>Livestock Systems</td>
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<td>DAGR*1070</td>
<td>0.50</td>
<td>Introduction to Business Management</td>
</tr>
<tr>
<td>DAGR*1090</td>
<td>0.50</td>
<td>Communications &amp; Software Applications I</td>
</tr>
<tr>
<td>DAGR*1200</td>
<td>0.50</td>
<td>Applied Plant Science</td>
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<tr>
<td>DAGR*1300</td>
<td>0.50</td>
<td>Soil Principles</td>
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<tr>
<td>DAGR*1600</td>
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<td>Applied Mathematics</td>
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Semester 2 - Winter

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<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>DAGR*1350</td>
<td>0.50</td>
<td>Agricultural Mechanization and Safety</td>
</tr>
<tr>
<td>DAGR*2000</td>
<td>0.50</td>
<td>Animal Science</td>
</tr>
<tr>
<td>DAGR*2020</td>
<td>0.50</td>
<td>Financial Management</td>
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<td>DAGR*2090</td>
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<td>Communications &amp; Software Applications II</td>
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<tr>
<td>DAGR*2210</td>
<td>0.50</td>
<td>Applied Weed Science</td>
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<td>Restricted electives</td>
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Semester 3 - Fall

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<tbody>
<tr>
<td>DAGR*3070</td>
<td>0.50</td>
<td>Introduction to Agricultural Economics &amp; Marketing</td>
</tr>
<tr>
<td>DAGR*3200</td>
<td>0.50</td>
<td>Corn and Oilseed Management</td>
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<tr>
<td>DENM*3150</td>
<td>0.50</td>
<td>Agriculture and Environmental Stewardship</td>
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<td>Electives or Restricted electives</td>
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Semester 4 - Winter

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>DAGR*4600</td>
<td>0.50</td>
<td>Human Resource Management</td>
</tr>
<tr>
<td></td>
<td>2.50</td>
<td>Electives or Restricted electives</td>
</tr>
</tbody>
</table>

Restricted Electives

Students must take a total of at least 3.00 restricted electives from the following five lists:

1. Students must take at least 0.50 credits from:
   - DAGR*4610 [0.50] Business Project
   - DAGR*4650 [0.50] Farm Project

2. Students must take at least 0.50 credits from:
   - DAGR*3080 [0.50] Marketing
   - DAGR*3130 [0.50] Sales and Sales Management
   - DAGR*4100 [0.50] Commodity Marketing

3. Livestock Production
   - DAGR*3000 [0.50] Beef Production
   - DAGR*3010 [0.50] Dairy Production I
   - DAGR*3040 [0.50] Pork Production
   - DAGR*4010 [0.50] Animal Health
   - DAGR*4020 [0.50] Poultry Production
   - DAGR*4040 [0.50] Small Ruminant Production
   - DAGR*4120 [0.50] Dairy Production II
   - DAGR*4180 [0.50] Dairy Herd Management
   - DAGR*4190 [0.50] Ruminant Nutrition

4. Crop Production
   - DAGR*2200 [0.50] Cereal Crop Production
   - DAGR*3210 [0.50] Insect and Disease Management
   - DAGR*3250 [0.50] Fruit Production
   - DAGR*3260 [0.50] Vegetable Production
   - DAGR*4200 [0.50] Cropping Systems
   - DAGR*4210 [0.50] Crop Diagnostics and Recommendations
   - DHRT*2000 [0.50] Greenhouse Management
   - DHRT*2200 [0.50] Plant Propagation
   - DHRT*4190 [0.50] Greenhouse Vegetable Production

5. General Agriculture
   - DAGR*2150 [0.50] Precision Agriculture
   - DAGR*2220 [0.50] Viticulture and Oenology
   - DAGR*2360 [0.50] Machinery Maintenance
   - DAGR*4150 [0.50] Renewable Energy & Agriculture
   - DAGR*4220 [0.50] Organic Production
   - DAGR*4350 [0.50] Farm Structures and Environment
   - DENM*4210 [0.50] Nutrient Management

Elective Experiential Learning Courses

Students may take a maximum of 1.00 credits from the following experiential learning courses as electives.

- DAGR*2170 [0.00] Introduction to US Agriculture
- DAGR*2180 [0.50] Belize Study Tour
- DAGR*3170 [0.50] US Agriculture Study Tour
- DAGR*3180 [0.50] World Dairy Expo Study Tour
- DAGR*5510 [0.50] Experiential Learning in Agriculture
- DAGR*3900 [0.50] Special Project

Associate Diploma in Environmental Management

This program applies technical and practical skills training in both a municipal/industrial stream as well as a rural/agricultural stream. The program is designed to address the critical shortage of trained and qualified sewage and/or water plant operators, and to train and certify personnel to assist growers in addressing nutrient management and source water protection regulations that affect many farms and rural residents across Ontario.

Required Courses

Semester 1 - Fall

<table>
<thead>
<tr>
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<th>Credits</th>
<th>Description</th>
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<tbody>
<tr>
<td>DAGR*1090</td>
<td>0.50</td>
<td>Communications &amp; Software Applications I</td>
</tr>
<tr>
<td>DENM*1000</td>
<td>0.50</td>
<td>Environmental Science and Issues</td>
</tr>
<tr>
<td>DENM*1120</td>
<td>0.50</td>
<td>Mathematics for Environmental Operators</td>
</tr>
<tr>
<td>DENM*1150</td>
<td>0.50</td>
<td>Environmental Law and Governance</td>
</tr>
<tr>
<td>DENM*1200</td>
<td>0.50</td>
<td>Spills and Contaminated Site Remediation</td>
</tr>
<tr>
<td>DENM*2200</td>
<td>0.50</td>
<td>Environmental Monitoring</td>
</tr>
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</table>

Semester 2 - Winter

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAGR*2090</td>
<td>0.50</td>
<td>Communications &amp; Software Applications II</td>
</tr>
<tr>
<td>DENM*2150</td>
<td>0.50</td>
<td>Water Resource Management</td>
</tr>
<tr>
<td>DENM*3000</td>
<td>0.50</td>
<td>Data Analysis and Statistics</td>
</tr>
<tr>
<td>DENM*3100</td>
<td>0.50</td>
<td>Introduction to Applied Microbiology</td>
</tr>
<tr>
<td>DHRT*2230</td>
<td>0.50</td>
<td>Soil and Water Use in Agroecosystems</td>
</tr>
</tbody>
</table>

One of:
- DAGR*2150 [0.50] Precision Agriculture
The Diploma in Horticulture program prepares students for a variety of career opportunities in landscaping, nursery and greenhouse firms, municipal parks, garden centres and private businesses.

**Required Courses**

**Semester 1 - Fall**
- DAGR*1090 [0.50] Communications & Software Applications I
- DAGR*1200 [0.50] Applied Plant Science
- DAGR*1600 [0.50] Applied Mathematics
- DHRT*1000 [0.50] Landscape Management
- DHRT*1050 [0.50] Plant Identification I
- DHRT*2000 [0.50] Greenhouse Management

**Semester 2 - Winter**
- DAGR*2090 [0.50] Communications & Software Applications II
- DHRT*2200 [0.50] Plant Propagation
- DHRT*2230 [0.50] Soil and Water Use in Agroecosystems

**Semester 3 - Fall**
- DAGR*2660 [0.50] Financial Management
- DAGR*4600 [0.50] Human Resource Management
  - One of:
    - DHRT*4000 [0.50] Ornamental Plant Protection
    - DHRT*4200 [0.50] Greenhouse Integrated Pest Management
  - One of:
    - DAGR*4610 [0.50] Business Project
    - DAGR*4650 [0.50] Farm Project

**Semester 4 - Winter**
- DAGR*2180 [0.50] Belize Study Tour
- DHRT*2100 [0.50] Landscape Design
- DHRT*2160 [0.50] Greenhouse Control Systems
- DHRT*4190 [0.50] Greenhouse Vegetable Production
- DHRT*4300 [0.50] Arboriculture

**Semester 3**
- DAGR*3070 [0.50] Introduction to Agricultural Economics & Marketing
- DHRT*3120 [0.50] Applied Landscape Construction
- DHRT*3150 [0.50] Nursery Management
- DHRT*3180 [0.50] Greenhouse Structures and Engineering

**Semester 4**
- DHRT*2250 [0.50] Horticultural Equipment Management
- DHRT*3300 [0.50] Greenhouse Ornamental Production
- DHRT*4290 [0.50] Advanced Greenhouse Vegetable Production

**Associate Diploma in Turfgrass Management**

Turfgrass management is a dynamic sector with opportunities across Canada and throughout the world. The Diploma in Turfgrass Management is a focused curriculum that will provide students with the skills to succeed in this competitive industry. The program utilizes the collaborative resources of the University of Guelph faculty and staff, industry professionals and the grounds, workshop and laboratory facilities of the Guelph Turfgrass Institute. Practical and scientific study is combined with a required summer work semester to provide students with a wide range of experience and knowledge. The Associate Diploma in Turfgrass Management is offered at the Guelph campus and prepares students for a variety of career opportunities including golf course management, lawn care, sports field management, parks management, sod production and related supply and service businesses.

Courses in the Associate Diploma in Turfgrass Management are restricted to students enrolled in the program.
Students are required to work full time for at least 15 weeks following winter semester 2. Work must be in the field of turfgrass management. In semester 2, students must seek, interview for, and secure employment in consultation with the program coordinator. Prior to the end of semester 2, students must complete fall semester 3 pre-registration and a formal learning contract among themselves, the employer, and the program coordinator. Students in a nonconventional stream must complete the formal learning contract before beginning the 15-week work experience. Academic requirements for the work semester as indicated in the course description of DTM*3100, Current Turf Practices.

**Required Courses**

**Semester 1 - Fall**
- DTM*1000 [0.50] The Turf Industry
- DTM*1100 [0.50] Plant Biology
- DTM*1200 [0.50] Turf Equipment
- DTM*1300 [0.50] Turf Soil Principles
- DTM*1400 [0.50] Landscape Plants
- DTM*2500 [0.50] Arboriculture

**Semester 2 - Winter**
- DTM*1500 [0.50] Turf Communication Skills
- DTM*2000 [0.50] Turf Management I
- DTM*2100 [0.50] Turf Irrigation and Drainage
- DTM*2200 [0.50] Computers and Math for Turf
- DTM*2400 [0.50] Landscape Design
- DTM*2600 [0.50] Turf Environmental Management

**Semester 3 - Fall**
- DTM*3000 [0.50] Turf Management II
- DTM*3100 [0.50] Current Turf Practices
- DTM*3200 [0.50] Turf Diseases
- DTM*3300 [0.50] Turf Insects and Weeds
- DTM*3400 [0.50] Landscape Construction
- 0.50 electives

**Semester 4 - Winter**
- DTM*4000 [0.50] Turf Management III
- DTM*4200 [0.50] Design and Construction of Golf Courses and Sports Fields
- DTM*4300 [0.50] Turf Case Studies
- DTM*4400 [0.50] Human Resources Management
- DTM*4500 [0.50] Business and Finance for Turf
- 0.50 electives

**Electives**
Students in Turfgrass Management are required to take 1.00 elective credits. There are numerous ways to complete this requirement. Students should consult with their program counsellor for a complete list of options, which include the following courses:
- DTM*3800 [0.50] Special Study Project I
- DTM*4600 [0.50] Computer Assisted Design
- DTM*4800 [0.50] Special Study Project II

**Associate Diploma in Veterinary Technology**
This program is designed for students interested in a career working with and caring for animals. The program is designed to provide the technical training and knowledge required to become veterinary technicians working in association with practicing veterinarians. Students take a comprehensive range of courses and training related to the care of food and laboratory animals, as well as companion and sport animals. All students are required to complete a four-week externship during the final semester. This program is fully accredited by both the Canadian Veterinary Medical Association (CVMA) and the American Veterinary Medical Association (AVMA). **Students may select 1 of 2 delivery options for this program.**

**Option 1 - Conventional Program (4 semesters over 2 years)**

**Semester 1 - Fall**
- DVT*1170 [0.50] Veterinary Anatomy & Physiology I
- DVT*1040 [0.50] Medical Exercises I
- DVT*1150 [0.50] Microbiology, Cytology and Hematology I
- DVT*1160 [0.50] Foundations of Veterinary Technology
- DVT*2000 [0.50] Companion Animal Management
- DVT*2060 [0.50] Communications & Vet Software

**Semester 2 - Winter**
- DVT*1000 [0.50] Livestock Production and Management
- DVT*2300 [0.50] Veterinary Anatomy and Physiology II

**Semester 3 - Fall**
- DVT*2150 [0.50] Hematology II
- DVT*2040 [0.50] Medical Exercises II
- DVT*2050 [0.50] Urinalysis
- DVT*2070 [0.50] Pharmacology & Applied Calculations

**Semester 4 - Winter**
- DVT*3010 [0.50] Animal Nursing I
- DVT*3020 [0.50] Parasitology & Clinical Chemistry
- DVT*3030 [0.50] Radiography I
- DVT*3050 [0.50] Surgical and Anaesthetic Principles I
- DVT*3070 [0.50] Animal Dentistry I
- DVT*4090 [0.50] Laboratory & Exotic Animal Science

**Option 2 - Alternative Program (9 semesters over 3 years)**

**Year 1**
**Fall Distance Education Courses**
- DVT*1100 [0.25] Large Animal Production and Management I
- DVT*1110 [0.25] Intro to Veterinary Technology

**Winter Distance Education Courses**
- DVT*1300 [0.25] Large Animal Production and Management II
- DVT*2000 [0.50] Companion Animal Management

**Summer Courses (On-Campus)**
- DVT*1010 [0.25] Anatomy and Physiology I
- DVT*1040 [0.50] Medical Exercises I
- DVT*1150 [0.50] Microbiology, Cytology and Hematology I
- DVT*1350 [0.50] Pharmacology & Vet. Tech Math
- DVT*2040 [0.50] Medical Exercises II
- DVT*2050 [0.50] Urinalysis
- DVT*2060 [0.50] Communications & Vet Software

**Year 2**
**Fall Distance Education Courses**
- DVT*2100 [0.25] Veterinary Nursing Techniques I
- DVT*2200 [0.25] Introduction to Immunobiology

**Winter Distance Education Courses**
- DVT*2210 [0.25] Introduction to Anesthetic Principles
- DVT*2220 [0.25] Introduction to Radiography

**Summer Courses (On-Campus)**
- DVT*2150 [0.50] Hematology II
- DVT*2300 [0.50] Veterinary Anatomy and Physiology II
- DVT*2310 [0.25] Veterinary Nursing Techniques II
- DVT*2320 [0.25] Surgical Exercises
- DVT*2330 [0.25] Clinical Chemistry
- DVT*2340 [0.50] Exercises in Radiography I
- DVT*3070 [0.50] Animal Dentistry I

**Year 3**
**Fall Distance Education Course**
- DVT*4090 [0.50] Laboratory & Exotic Animal Science

**Winter Distance Education Course**
- DVT*3200 [0.25] Public Health
- DVT*3210 [0.25] Veterinary Nursing Techniques III

**Summer Courses (On-Campus)**
- DVT*3300 [0.25] Veterinary Nursing Techniques IV
- DVT*3320 [0.25] Veterinary Parasitology
- DVT*3330 [0.25] Veterinary Clinic Management
- DVT*4030 [0.50] Radiography II
- DVT*4050 [0.50] Surgical and Anaesthetic Principles II
- DVT*4060 [0.00] Externship
- DVT*4070 [0.50] Animal Dentistry II
- DVT*4080 [0.50] Vet. Tech. Practical Applications

**Note**
All courses are compulsory. Progression into the subsequent semester is dependent on the successful completion of each course in the previous semester. No elective courses are offered in this program.
**Degree Transfer Option**

Students from Guelph or Ridgetown are eligible to consider the degree transfer option to the following degree programs at the University of Guelph:

- Bachelor of Arts
- Bachelor of Commerce (Agricultural Business or Hotel and Food Administration majors)
- Bachelor of Science in Agriculture
- Bachelor of Science

In order to be eligible for consideration for transfer students must have a cumulative average of 70%, and they must meet the basic entrance requirements of the desired degree program. Credits for courses completed in an Associate Diploma program will be assigned at the time of admission to a degree program as determined by the appropriate program committee.

**Open Learning**

The Open Learning program is an open admission distance-only part-time mode of study that provides access to diploma/degree-credit university courses for individuals who wish to study independently but are not interested in pursuing a degree at the University of Guelph at the present time. You may register in the Open Learning program, even if you are registered at another post-secondary educational institution. The Open Learning program extends the academic resources of the University to those interested in personal enrichment, professional updating, or eventual application to a degree program.

Open Learning program students must complete the same assignments and examinations as those in diploma/degree programs and are evaluated using the same standards. Upon successful completion of a course, learners receive the same credit weight for courses as would apply to courses taken within the degree program.

Further information is available from:

Open Learning & Educational Support  
Room 160, Johnston Hall  
519-767-5000  
e-mail: info@OpenEd.uoguelph.ca or  
www.OpenEd.uoguelph.ca

for an updated listing on courses available by Open Learning and when they are scheduled to be offered.

**Note**

Please check with the Office of Open Learning regarding the technology and resource requirements (e.g. computer, modem etc.) for the specific course(s).