

2007-2008 University of Guelph-Humber Calendar

The information published in this University of Guelph-Humber Calendar outlines the rules, regulations, curricula, programs and fees for the 2007-2008 academic year, including Summer Semester 2007, Fall Semester 2007 and Winter Semester 2008.

For your convenience the Guelph-Humber Calendar is available in PDF format.

If you wish to link to the Guelph-Humber Calendar please refer to the Linking Guidelines.

The University of Guelph is a full member of:

- The Association of Universities and Colleges of Canada

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Disclaimer

University of Guelph-Humber 2007

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

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

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Introduction

Collection, Use and Disclosure of Personal Information

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

Statistics Canada - Notification of Disclosure

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

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 the Registrar's office.

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, his/her complete, legal name. Any requests to change a name, by means of alteration, deletion, substitution or addition, must be accompanied by appropriate supporting documentation.

Student Confidentiality and Release of Student Information Policy Excerpt

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

Complete policy at <http://www.uoguelph.ca/policies>.

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Bachelor of Applied Computing in Distributed Computing and Communications Systems Technology (Co-op)

Diploma in Wireless & Telecommunications Systems Technology

Technology is changing the way we communicate and conduct business as we move toward a wireless world. Antenna Systems, cellular technology, Global Positioning Systems, personal communication devices and wireless LAN's are just some of the technologies being studied at the University of Guelph-Humber in the Computing Co-op program. Our classes include extensive use of the most modern labs and equipment available today and the curriculum offers teaching in computer programming and engineering skills as well as telecommunication technologies. In keeping with our hands-on approach to learning, all students in the Computing program participate in two paid workplace co-op placements which provide excellent industry experience.

Students are required to complete 20.25 credits in order to be eligible for graduation. This includes 16.25 core credits, 3.50 specialization courses and 1.00 credits from general elective options. Students must complete these requirements in order to be eligible to graduate with both the university honours degree (awarded by the University of Guelph) and the college diploma (awarded by Humber). No option exists to graduate with only one of the above listed credentials as the program is fully integrated.

Conditions for Graduation

In addition to meeting all program specific course and credit requirements, students must have a minimum 60% cumulative average in order to be eligible for graduation. Students will not normally be eligible to graduate while on Probationary status or Required to Withdraw status. A student denied graduation while on Probationary status or Required to Withdraw status may submit an appeal for Academic Consideration. A request for Academic Consideration should be made by the student to the Academic Review Sub-Committee.

Computing Program – Schedule of Studies

Note: All courses are weighted 0.50 credits unless noted otherwise.

Semester 1

DCCT*1000	[0.50]	Electronics Fundamentals
DCCT*1020	[0.50]	Computer Programming I
DCCT*1030	[0.50]	Telecommunications Computations
SCMA*1010	[0.50]	Calculus For Computing I
0.50 electives		

Semester 2

DCCT*1010	[0.50]	Semiconductor Electronics
DCCT*1050	[0.50]	Anatomy of a PC
DCCT*1060	[0.50]	Digital System Fundamentals
DCCT*1070	[0.50]	Computer Programming II
SCMA*1020	[0.50]	Calculus For Computing II

Semester 3

AHSS*2050	[0.50]	Ethical Issues in Information Technology
AHSS*2060	[0.25]	Workplace Preparation and Technical Writing
DCCT*2000	[0.50]	Computer Programming III
DCCT*2010	[0.50]	Principles of Telecommunications
DCCT*2020	[0.50]	Communication Systems
DCCT*2030	[0.50]	Computer Programming IV

Semester 4

DCCT*2040	[0.50]	Data Structures and Algorithms
DCCT*3000	[0.50]	Data Networks
DCCT*3010	[0.50]	Electro-magnetics
SCMA*3000	[0.50]	Probability & Statistics
0.50 electives		

Semester 5

DCCT*3020	[0.50]	Operating Systems
DCCT*3030	[0.50]	Distributed Programming I
DCCT*3040	[0.50]	Digital Signal Processing (DSP)
DCCT*3050	[0.50]	Fibre Optic Communication
0.50 Telecom electives		

Semester 6

DCCT*3060	[0.50]	Database Systems and Application Concepts
DCCT*3070	[0.50]	Systems and Network Simulation
DCCT*3080	[0.50]	Wireless Data Networks
DCCT*3090	[0.50]	Cellular Technology
0.50 CIS electives		

Semester 7

DCCT*4130	[0.50]	Distributed Programming II
DCCT*4140	[0.50]	Internet Technologies
DCCT*4151	[0.25]	Senior Research Paper I

DCCT*4191	[0.00]	Seminar on Technology and Society
0.50 Telecom electives		
1.00 CIS electives		

Semester 8

DCCT*4152	[0.50]	Senior Research Paper II
DCCT*4160	[0.50]	Distributed Information Systems Architectures
DCCT*4192	[0.25]	Seminar on Technology and Society
0.50 Telecom electives		
0.50 Telecom or CIS electives		

Telecommunications Electives

DCCT*4010	[0.50]	Computer Telephony Integration
DCCT*4020	[0.50]	Broadband Communications
DCCT*4030	[0.50]	Personal Communications Systems
DCCT*4040	[0.50]	Telephone Switch Technology
DCCT*4050	[0.50]	Wireless Service Technology

Computing & Information Science Electives

DCCT*4070	[0.50]	Advanced Information System Architectures
DCCT*4080	[0.50]	Network Security and Cryptography
DCCT*4090	[0.50]	Information Storage and Retrieval Systems
DCCT*4100	[0.50]	Human-Computer Interaction
DCCT*4110	[0.50]	Artificial Intelligence
DCCT*4120	[0.50]	Computer Graphics

Operation Co-op

	Year 1	Year 2	Year 3	Year 4	Year 6
Semester 1	Semester 1	Semester 2	Co-op	Co-op	
Winter	Semester 3	Semester 4	Semester 5	Co-op	
Summer	Free	Co-op	Semester 6	Semester 7	Semester 8