



Program Maps and  
Important Information  
for Newly Admitted Students  
2009 – 2010

## Important Information from the Office of the Registrar

B105, Gordon Willey building

### 1. Registration assistance

The online Registration Guide will help answer questions about registering for classes. It is available online via MyCampus, [www.uoit.ca/mycampus](http://www.uoit.ca/mycampus). You do not need to log into MyCampus to access the Registration Guide; it is located at the bottom, left-hand corner of the MyCampus home page.

Please read the Registration Guide and this information package to plan your schedule before logging into MyCampus. On the last two pages of the Registration Guide there are worksheets you can use to plan your schedule. You can view available courses on MyCampus, [www.uoit.ca/mycampus](http://www.uoit.ca/mycampus) by selecting **Preview Available Courses** under **Links** (left-hand side of web page).

If you are still having difficulty registering, call the registration helpline, 905.721.3190.

### 2. Academic advising

Contact information for the academic advisors is listed in this document (page iii).

#### How do I determine which academic advisor to see?

Consult the advisor responsible for your program if you need advice on degree requirements or academic goals. If you need permission to waive registration requirements, add or drop a course, consult the advisor responsible for the course in question.

### 3. Campus Identification card

You are strongly encouraged to obtain your campus identification card as soon as you have officially registered for classes. **This must be done before classes begin** to ensure valid identification for September access to meal plans/flex dollars, Go Transit bus services within Durham Region, as well as other services on campus. Your full-time campus ID card is required by September 11, 2009 for U-PASS access. It is also the form of identification that must be presented in order to write final examinations. The *Registration Guide* provides the Campus Identification Services office hours and details regarding how to receive your card. Additional information is also available online, [www.uoit.ca/studentid](http://www.uoit.ca/studentid).

### 4. Fees, OSAP fee deferrals and other payments

Information regarding fees, OSAP fee deferrals and other payments is available by phone, 905.721.8668 ext. 2229, online at [http://pipeline.mycampus.ca/docs/uoit\\_student/uoit\\_payment.html](http://pipeline.mycampus.ca/docs/uoit_student/uoit_payment.html), or in person from the Accounting office located in SW116, Gordon Willey building (1<sup>st</sup> floor, near the Learning Commons).

### 5. Financial aid/OSAP

Information regarding financial aid and OSAP loan documents is available by phone, 905.721.3036, online at [www.uoit.ca/uoitfinancialaid](http://www.uoit.ca/uoitfinancialaid) or in person from the Financial Aid and Awards office located in SW116, Gordon Willey building (1<sup>st</sup> floor, near the Learning Commons).

### 6. Laptop pick-up

You may pick up your laptop in D116, Gordon Willey building (1<sup>st</sup> floor) if you have already registered for a laptop pick-up session via MyCampus (as outlined in the *Registration Guide*). To register for a laptop pick-up session or for more information regarding laptop pick-up please consult the online *Registration Guide* and the Mobile Learning website, [www.uoit.ca/mobile](http://www.uoit.ca/mobile). Laptop pick-up session registration will open the week of July 6.

### 7. Parking

Information regarding parking is available by phone, 905.721.8668 ext. 2460 or online at [www.uoit.ca/parking](http://www.uoit.ca/parking). If you have paid for parking and need to pick up your parking tag, you may do so at the reception desk, Gordon Willey building (1<sup>st</sup> floor).

## 8. International Students

Student advisor: Kellie Newberry  
Location: SW117, South Wing (1<sup>st</sup> floor)  
E-mail: [kellie.newberry@uoit.ca](mailto:kellie.newberry@uoit.ca)

International students should consult Kellie Newberry regarding arrival information, study permits, registration/enrolment letters, tuition summaries, the University Health Insurance Plan (UHIP), international student orientation, and general student life issues. Additional information on the University Health Insurance Plan is available online, [www.uoit.ca/uhip](http://www.uoit.ca/uhip).

Program and course advising for international students is provided by faculty academic advisors; a list of the academic advisors is provided in this document (page iii).

## 9. Student Insurance Plan

Your campus ID card serves as your proof of benefits. The deadline to opt-out of the Student Insurance Plan for fall-start students is **September 30, 2009**. Online opt-out and additional information can be obtained at the Your Student Association website, [www.your-sa.ca](http://www.your-sa.ca), or by phone 905.721.0457 ext. 221. Your Student Association is located in the Student Centre (2<sup>nd</sup> floor).

## 10. Student Life

The Student Life office gives emphasis to building a learning community that is supportive of student success in all its facets – intellectually, emotionally, socially and physically. The first-year experience web pages located at [www.uoit.ca/firstyear](http://www.uoit.ca/firstyear) offer everything you need to know before starting university. Our newly designed online orientation program will allow you to complete most of your university business at your own convenience during the summer.

The parents and families section at [www.uoit.ca/parents](http://www.uoit.ca/parents) also features information to assist family members with becoming supportive partners in your education.

Although orientation week happens once a year in September, we work all year long with more than 120 orientation leaders to plan a variety of fun activities and informative sessions to welcome you to campus and ensure you are prepared for the first day of classes. Visit the orientation web pages at [www.uoit.ca/orientation](http://www.uoit.ca/orientation) to learn about the exciting activities planned to welcome you to UOIT.

## Academic advising

Academic advisors will meet students who are currently enrolled at UOIT or who have accepted an offer from UOIT.

### Ten reasons to meet with an advisor

1. You need advice and approval to add and/or drop a course.
2. You need advice and approval for course substitution. (Visit the advisor who is responsible for your course.)
3. You need advice and approval for prerequisite and co-requisite waivers.
4. You need advice regarding the selection of courses that will meet degree requirements. (Students approved for transfer credit may require this service.)
5. You need advice regarding a change of major or specialization area.
6. You need to discuss your academic progress and standing (including grade appeals, academic probation and academic or disciplinary suspension).
7. You need to discuss issues that affect your academic performance.
8. You need advice about deferred examinations and scheduling these.
9. You need advice regarding your academic goals.
10. You require the dean's signature on a document.

### Where to find your academic advisor

#### Faculty of Business and Information Technology

Academic advisor - Commerce Year 1:

Jessica Clarke

Location: UB 3020

Business & IT building, 3<sup>rd</sup> floor

[jessica.clarke@uoit.ca](mailto:jessica.clarke@uoit.ca)

Courses: BUSI, ECON

Academic advisor - Commerce Years 2 to 4: Christina Pearsall

Location: UB 3022

Business & IT building, 3<sup>rd</sup> floor

[christina.pearsall@uoit.ca](mailto:christina.pearsall@uoit.ca)

Courses: BUSI, ECON

Academic advisor - IT: Aaron Mitchell

Location: UB 3018

Business & IT building, 3<sup>rd</sup> floor

[aaron.mitchell@uoit.ca](mailto:aaron.mitchell@uoit.ca)

Courses: INFR

#### Faculty of Criminology, Justice and Policy Studies (and the Communication program)

Academic advisor: Amy Anderson

Location: UA 2045

Science building, 2<sup>nd</sup> floor

[amy.anderson@uoit.ca](mailto:amy.anderson@uoit.ca)

Courses: COMM, EDUC, PHIL, POSC, PSYC and SSCI

#### Faculty of Energy Systems and Nuclear Science

Academic advisor: Kerry Armstrong

Location: UA 3061

Science building, 3<sup>rd</sup> floor

[kerry.armstrong@uoit.ca](mailto:kerry.armstrong@uoit.ca)

Courses: ENGR, RADI

#### Faculty of Engineering and Applied Science

Academic advisor: Krista Elliott

Location: ENG 3020

OPG Engineering building, 3<sup>rd</sup> floor

[krista.elliott@uoit.ca](mailto:krista.elliott@uoit.ca)

Courses: ENGR

#### Faculty of Health Sciences

Academic advisor - Nursing and Allied Health Science:

Tracey Szarka

Location: UA 3013

Science building, 3<sup>rd</sup> floor

[tracey.szarka@uoit.ca](mailto:tracey.szarka@uoit.ca)

Courses: NURS, HLSC

Academic advisor - Health Science and Medical

Laboratory Science: Darci Aylward

Location: UA 3011

Science building, 3<sup>rd</sup> floor

[darci.aylward@uoit.ca](mailto:darci.aylward@uoit.ca)

Courses: HLSC, MLSC

#### Faculty of Science

Academic advisor: Sarah Innes (Acting)

Kimberley McCartney Young (on leave)

Location: UA 4045

Science building, 4<sup>th</sup> floor

[science.advising@uoit.ca](mailto:science.advising@uoit.ca)

Courses: BIOL, CHEM, ENVS, FSCI, MATH, PHY, SCIE, STAT, CSCI

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## Faculty of Business and Information Technology

### Commerce

#### Fall term (15 credit hours)

BUSI 1600U Management of the Enterprise  
BUSI 1830U Introduction to Programming  
BUSI 1900U Mathematical Foundations for Business  
ECON 2010U Microeconomics  
Elective

#### Winter term (15 credit hours)

BUSI 1450U Statistics  
BUSI 1650U External Environment of Management  
BUSI 2000U Collaborative Leadership  
BUSI 2150U Financial Accounting I  
ECON 2020U Macroeconomics

### Commerce Bridge

#### Graduates of business programs

##### Fall term

BUSI 1101U Financial Accounting  
BUSI 2401U Finance I  
Non-business elective (student must take one non-business elective. It may be taken in either the fall or winter)

##### Winter term

BUSI 2170U Managerial Accounting  
BUSI 2402U Finance II  
Non-business elective (student must take one non-business elective. It may be taken in either the fall or winter)

#### Graduates of non-business programs

##### Fall term

BUSI 1101U Financial Accounting  
BUSI 2401U Finance I

##### Winter term

BUSI 2170U Managerial Accounting  
BUSI 2402U Finance II  
BUSI 1450U Statistics

If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate academic calendar, [www.uoit.ca/calendar](http://www.uoit.ca/calendar) or for further clarification, please consult your academic advisor.

## **Information Technology - Game Development and Entrepreneurship**

### **Fall term (15 credit hours)**

INFR 1010U Discrete Mathematics  
INFR 1100U Introduction to Programming  
INFR 1300U Creative Writing and Narrative Concepts  
INFR 1310U Graphic Design I  
General elective\*

### **Winter term (15 credit hours)**

BUSI 1700U Introduction to Entrepreneurship  
INFR 1015U Linear Algebra and Physics for Games  
INFR 1320U Graphic Design II  
INFR 2140U Object Oriented Programming  
General elective\*

## **Information Technology - Networking and Information Technology Security**

### **Fall term (15 credit hours)**

EDUC 1050U Technical Communications  
INFR 1010U Discrete Mathematics  
INFR 1100U Introduction to Programming  
INFR 1411U Introduction to Networking I  
INFR 1500U Information Technology

### **Winter term (15 credit hours)**

BUSI 1700U Introduction to Entrepreneurship  
INFR 1016U Introductory Calculus  
INFR 1421U Introduction to Networking II  
INFR 2140U Object Oriented Programming  
General elective\*

\*General elective - Students may select any non-INFR course from any faculty, subject to credit restrictions. See course descriptions in Section 16 of the undergraduate academic calendar for options ([www.uoit.ca/calendar](http://www.uoit.ca/calendar)).

If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate academic calendar, [www.uoit.ca/calendar](http://www.uoit.ca/calendar) or for further clarification, please consult your academic advisor.

## Faculty of Criminology, Justice and Policy Studies (and Communication program)

### **Criminology and Justice Legal Studies Public Policy**

These three programs have a common first year of study as outlined below.

#### **Fall term (15 credit hours)**

PHIL 1000U Philosophy: Social and Political Issues  
POSC 1000U Political Science  
SSCI 1000U Introduction to Criminal Justice  
SSCI 1010U Introduction to Canadian Legal System  
SSCI 1910U Writing for the Social Sciences

#### **Winter term (15 credit hours)**

PHIL 1010U Ethical Reasoning and Critical Thinking  
PSYC 1000U Introductory Psychology  
SOC 1000U Introductory Sociology  
SSCI 1200U Introduction to Social Policy  
General elective

### **Criminology and Justice Bridge**

#### **Fall term \***

SSCI 2820U Psychology of Deviance  
SSCI 2900U Research Methods

#### **Winter term \***

SSCI 2910U Quantitative Methods  
SSCI 2810U Sociological Theories of Crime

\* Students may choose to take a general elective in fall and winter in addition to their Bridge courses in order to maintain full-time status.

### **Legal Studies Bridge**

#### **Fall term \***

SSCI 2900U Research Methods  
LGLS 2100U Public Law

#### **Winter term \***

SSCI 2010U Criminal Law  
LGLS 2200U Legal Theory

\* Students may choose to take a general elective in fall and winter in addition to their Bridge courses in order to maintain full-time status.

If you have been admitted with advanced standing/transfer credits please contact your academic advisor at 905.721.8668 ext. 3838 for appropriate course planning.

## **Communication, Comprehensive program**

### **Fall term (15 credit hours)**

COMM 1100U Introduction to Communication  
COMM 1110U Developments in Human Communication  
COMM 1310U Fundamentals of Professional Writing  
Open elective (or COMM 1420U Computer Skills\*)  
Open elective

### **Winter term (15 credit hours)**

COMM 1220U Reading Our World  
COMM 1320U Oral Communication and Public Speaking  
COMM 1410U Computer-mediated Communication  
Open elective  
Open elective

\*Note: COMM 1420U Computer Skills should be taken as an elective in the first term by those requiring additional preparation in computer skills.

## **Communication, Digital Media specialization**

Same as above except CSCI 1200U Computers in Media in place of one open elective in Fall and CSCI 1030U Introduction to Computer Science in place of one open elective in the winter term.

## **Communication, Health Sciences specialization**

Same as above except HLSC 1802U Introduction to Health Care Systems in place of one open elective in winter term.

## **Communication, Commerce and Marketing specialization**

Same as above except BUSI 1600U Management of the Enterprise in place of one open elective in the fall term and BUSI 1700U Introduction to Entrepreneurship in place of one open elective in the winter term.

If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate academic calendar, [www.uoit.ca/calendar](http://www.uoit.ca/calendar) or for further clarification, please consult your academic advisor.

## Communication, Science and Technology specialization

### Fall term (15 credit hours)

COMM 1100U Introduction to Communication

COMM 1110U Developments in Human Communication

COMM 1310U Fundamentals of Professional Writing

Open elective\* or Science elective\*\* (SCIE 1910U Science in Context or BIOL 1010U Biology I: Molecular and Cellular Systems)

Open elective\*

### Winter term (15 credit hours)

COMM 1220U Reading Our World

COMM 1320U Oral Communication and Public Speaking

COMM 1410U Computer-mediated Communication

Open elective\* or Science elective\*\* (BIOL 1020U Biology II: Diversity of Life and Principles of Ecology or BIOL 1840U Biology for Engineers)

Science elective

During the first year, three open electives and at least one Science elective should be chosen.

\*\*Science electives (may be taken as an open elective):

At least one of:

SCIE 1910U Science in Context [fall term] (Note: SCIE 1910U should be taken as an open elective, not a science elective.)

BIOL 1010U Biology I: Molecular and Cellular Systems [fall term] (Prerequisite for BIOL 1020U)

BIOL 1020U Biology II: Diversity of Life and Principles of Ecology [winter term] (Prerequisite for BIOL 2010U, BIOL 2020U, BIOL 2030U)

BIOL 1840U Biology for Engineers [winter term] (Prerequisite for BIOL 2840U)

If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate academic calendar, [www.uoit.ca/calendar](http://www.uoit.ca/calendar) or for further clarification, please consult your academic advisor.

## Faculty of Education

### Concurrent Education/Science

#### Fall term (15 credit hours)

BIOL 1010U Biology I **OR** MATH 2050U Linear Algebra for those with Computer Science as a first teachable  
CHEM 1010U Chemistry I  
CSCI 1000U Scientific Computing Tools  
MATH 1000U Introductory Calculus **OR** MATH 1010U Calculus I\*  
PHY 1010U Physics I **OR** PHY 1030U Introductory Physics\*

#### Winter term (15 credit hours)

BIOL 1020U Biology II **OR** CSCI 1030U Introduction to Computer Science for those with Computer Science as a first teachable  
CHEM 1020U Chemistry II  
EDUC 2900U Introduction to Teaching and Field Experience I (10 days)  
MATH 1020U Calculus II  
PHY 1040U Physics for Biosciences II\*\*

\*Students who have completed grade 12 Advanced Functions and Introductory Calculus or Calculus and Vectors should take MATH 1010U and PHY 1010U. Students without one of these high school courses or equivalent are must take MATH 1000U and PHY 1030U.

\*\* Students who wish to have physics as one of their teachable subjects should take PHY 1010U and PHY 1020U. However, students who achieve a B standing or higher in both PHY 1030U and PHY 1040U will be permitted to proceed to second year physics courses.

**Reminder:** First-year courses in the Concurrent Education/Science program are predominantly science courses. If you need assistance from an academic advisor for a science course, please contact the Faculty of Science academic advisor listed in this document (page iii).

## Faculty of Energy Systems and Nuclear Science

### Energy Systems Engineering

#### Fall term (18 credit hours)

CHEM 1010U Chemistry I  
EDUC 1050U Technical Communications  
ENGR 3200U Engineering Graphics and Design  
MATH 1010U Calculus I  
MATH 1850U Linear Algebra for Engineers  
PHY 1010U Physics I

#### Winter term (18 credit hours)

CHEM 1020U Chemistry II  
ENGR 1200U Introduction to Programming  
ENGR 3530U Safety and Quality Management  
ENVS 1000U Environmental Science  
MATH 1020U Calculus II  
PHY 1020U Physics II

### Nuclear Engineering

#### Fall term (18 credit hours)

EDUC 1050U Technical Communications  
EDUC 1200U History of Science and Technology  
ENGR 3200U Engineering Graphics and Design  
MATH 1010U Calculus I  
MATH 1850U Linear Algebra for Engineers  
PHY 1010U Physics I

#### Winter term (18 credit hours)

BIOL 1840U Biology for Engineers **OR** ENVS 1000U Environmental Science  
CHEM 1800U Chemistry for Engineers  
ENGR 1200U Introduction to Programming  
ENGR 3530U Safety and Quality Management  
MATH 1020U Calculus II  
PHY 1020U Physics II

If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate academic calendar, [www.uoit.ca/calendar](http://www.uoit.ca/calendar) or for further clarification, please consult your academic advisor.

## Health Physics and Radiation Science

### Fall term (18 credit hours)

CHEM 1010U Chemistry I  
EDUC 1050U Technical Communications  
EDUC 1200U History of Science and Technology  
MATH 1010U Calculus I  
MATH 1850U Linear Algebra for Engineers  
PHY 1010U Physics I

### Winter term (18 credit hours)

BIOL 1840U Biology for Engineers  
CHEM 1020U Chemistry II  
ENGR 1200U Introduction to Programming  
MATH 1020U Calculus II  
PHY 1020U Physics II  
RADI 3530U Introduction to Radiological and Health Physics

If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate academic calendar, [www.uoit.ca/calendar](http://www.uoit.ca/calendar) or for further clarification, please consult your academic advisor.

## Faculty of Engineering and Applied Science

### Automotive Engineering

#### Fall term (15 credit hours)

EDUC 1050U Technical Communications  
ENGR 3200U Engineering Graphics and Design  
MATH 1010U Calculus I  
MATH 1850U Linear Algebra for Engineers  
PHY 1010U Physics I

#### Winter term (18 credit hours)

CHEM 1800U Chemistry for Engineers  
EDUC 1470U Impact of Science and Technology on Society  
ENGR 1200U Introduction to Programming for Engineers  
ENVS 1000U Environmental Science  
MATH 1020U Calculus II  
PHY 1020U Physics II

### Electrical Engineering

#### Fall term (15 credit hours)

EDUC 1050U Technical Communications  
ENGR 1400U Information Technology for Engineers  
MATH 1010U Calculus I  
MATH 1850U Linear Algebra for Engineers  
PHY 1010U Physics I

#### Winter term (18 credit hours)

CHEM 1800U Chemistry for Engineers  
EDUC 1470U Impact of Science and Technology on Society  
ENGR 1200U Introduction to Programming for Engineers  
MATH 1020U Calculus II  
PHY 1020U Physics II  
Liberal Studies elective\*

### Manufacturing Engineering

#### Fall term (15 credit hours)

EDUC 1050U Technical Communications  
ENGR 3200U Engineering Graphics and Design  
MATH 1010U Calculus I  
MATH 1850U Linear Algebra for Engineers  
PHY 1010U Physics I

#### Winter term (18 credit hours)

CHEM 1800U Chemistry for Engineers  
EDUC 1470U Impact of Science and Technology on Society  
ENGR 1200U Introduction to Programming for Engineers  
ENVS 1000U Environmental Science  
MATH 1020U Calculus II  
PHY 1020U Physics II

## **Mechanical Engineering (Comprehensive program; Energy Engineering; Mechatronics)**

### **Fall term (15 credit hours)**

EDUC 1050U Technical Communications  
ENGR 3200U Engineering Graphics and Design  
MATH 1010U Calculus I  
MATH 1850U Linear Algebra for Engineers  
PHY 1010U Physics I

### **Winter term (18 credit hours)**

CHEM 1800U Chemistry for Engineers  
EDUC 1470U Impact of Science and Technology on Society  
ENGR 1200U Introduction to Programming for Engineers  
ENVS 1000U Environmental Science  
MATH 1020U Calculus II  
PHY 1020U Physics II

## **Software Engineering**

### **Fall term (15 credit hours)**

EDUC 1050U Technical Communications  
ENGR 1400U Information Technology for Engineers  
MATH 1010U Calculus I  
MATH 1850U Linear Algebra for Engineers  
PHY 1010U Physics I

### **Winter term (18 credit hours)**

CHEM 1800U Chemistry for Engineers  
EDUC 1470U Impact of Science and Technology on Society  
ENGR 1200U Introduction to Programming for Engineers  
MATH 1020U Calculus II  
PHY 1020U Physics II  
Liberal Studies elective\*

If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate academic calendar, [www.uoit.ca/calendar](http://www.uoit.ca/calendar) or for further clarification, please consult your academic advisor.

### **\*Approved Liberal Studies electives:**

ANTH 0100T Introductory Anthropology  
ANTH 0200T Sociocultural Anthropology  
ANTH 0203T Technologies across Time and Cultures  
ANTH 0204T Law and Justice across Time and Cultures  
ANTH 0253T Aboriginal Art in North America  
CANN 0255T History of the Indians of Canada  
CLLI 0100T Greek Drama in Translation  
CLST 0100T Introduction to the Study of Modern Culture  
EDUC 1200U History of Science and Technology  
ENGL 0212T Early Romantics  
ENGL 0220T Studies in Shakespeare  
ENGL 0253T The Age of Elizabeth  
ENGL 1000T Introduction to English Literature

ENGL 1005T Introduction to English Literature II  
 ENGL 2400T Foundations in World Literature: British to Postcolonial  
 ENGL 3303T Studies in American Literature: Identities  
 ENGL 3501T Studies in Canadian Literature: Landscapes  
 GEOG 0103T Human Geographies in Global Context  
 HIST 0102T Nation and Citizenship: Interpreting Canada  
 HIST 0120T Western European History from the Middle Ages to the Present  
 HIST 0208T The Social History of Europe  
 HIST 0211T The United States from 1775-1880  
 HIST 0221T Empire Ontario 1867-1945  
 HIST 0222T Ontario Since 1945: From the "Common Good" to "Common Sense"  
 HIST 1001T Themes in Canadian History I  
 HIST 1002T Themes in Canadian History II  
 HIST 2402T Emergence of Modern Africa Since 1880  
 MLAL 1001T Introduction to Linguistics I  
 MLAL 1002T Introduction to Linguistics II  
 NAST 0100T Introduction to Native Studies  
 PHIL 0102T Introduction to Philosophical Inquiry  
 PHIL 0103T Introduction to Philosophical Inquiry  
 PHIL 0104T Informal Logic  
 PHIL 0214T Introduction to Existential Philosophy  
 PHIL 0275T Philosophy of Religion  
 PHIL 0279T Philosophy of Art  
 PHIL 1000U Philosophy: Social and Political Issues  
 PHIL 1010U Ethical Reasoning and Critical Thinking  
 PHIL 0282T East Asian Philosophy: China and Japan  
 POSC 0100T Governance and Globalization - Politics in the 21<sup>st</sup> Century  
 POSC 1000U Political Science  
 PSYC 0101T Introduction to Psychology  
 PSYC 0102T Introduction to Psychology I  
 PSYC 0103T Introduction to Psychology II  
 PSYC 1000U Introductory Psychology  
 PSYC 2010U Developmental Psychology  
 SOCI 0100T Introduction to Sociology  
 SOCI 1000U Introductory Sociology  
 SSCI 1000U Introduction to Criminal Justice  
 SSCI 1200U Introduction to Social Policy  
 SSCI 2010U Criminal Law  
 SSCI 2011U Customs and Immigration Law  
 SSCI 2020U Issues in Diversity  
 SSCI 2021U Issues in the Family  
 SSCI 2050U Rights and Freedoms in the Justice System  
 SSCI 2280U The Information Society  
 SSCI 2800U Social Theory Foundations  
 SSCI 2810U Sociological Theories of Crime  
 SSCI 2820U Psychological Explanations of Criminal Behavior  
 WMST 0237T Women and the Law  
 WMST 0238T Women and the Criminal Justice System  
 WMST 0212T Women and Health

Course codes ending in "T" are offered through Trent University at the University of Ontario Institute of Technology.

## Faculty of Health Sciences

### Bachelor of Allied Health Science (part-time program)

#### Fall term (6 credit hours)

HLSC 2700U Mathematical Reasoning  
HLSC 1700U Professional Writing for Health Science

#### Winter term (6 credit hours)

Elective\*  
HLSC 2601U Introduction to Health Management

\*Suggested elective:

EDUC 4700C Models of Teaching

### Health Science (Comprehensive program; Health Information Management; Kinesiology)

#### Fall term (15 credit hours)

BIOL 1010U Biology I  
CSCI 1800U Computing Tools for Health Sciences\*  
HLSC 1200U Anatomy and Physiology I  
HLSC 1700U Writing for Health Sciences  
Elective

#### Winter term (15 credit hours)

BIOL 1020U Biology II  
HLSC 1201U Anatomy and Physiology II  
HLSC 1802U Introduction to Health Care Systems  
PSYC 1000U Introductory Psychology  
Elective

\*Students looking to pursue more science-based courses should take CSCI 1000U Scientific Computing Tools

### Medical Laboratory Science

#### Fall term (15 credit hours)

BIOL 1010U Biology I  
CHEM 1010U Chemistry I  
CSCI 1000U Scientific Computing Tools  
HLSC 1200U Anatomy and Physiology I  
HLSC 1700U Writing for Health Sciences

#### Winter term (15 credit hours)

BIOL 1020U Biology II  
CHEM 1020U Chemistry II  
HLSC 1201U Anatomy and Physiology II  
MATH 1880U Mathematical Modelling for Health Science  
MLSC 1010U Introduction to Medical Laboratory Practice

## **Nursing (Collaborative)**

### **Fall term (15 credit hours)**

HLSC 1200U Anatomy and Physiology I  
HLSC 1300U Information and Communication Technology in Health Care  
NURS 1002U Introduction to Nursing Praxis  
NURS 1003U Foundations for Nursing Practicum I  
NURS 1100U Introduction to Health and Healing  
NURS 1420U Development of Self as a Nurse I

### **Winter term (15 credit hours)**

HLSC 1201U Anatomy and Physiology II  
NURS 1150U Health and Healing – Older Adult  
NURS 1503U Foundations for Nursing Practicum II  
NURS 1505U Professional Practice II  
NURS 2320U Health Assessment  
SOCl 1000U Introductory Sociology

## **RPN to BScN (full-time program)**

### **Fall term (6 credit hours)**

HLSC 0880U Science Bridge  
NURS 0420U Nursing Bridge

### **Winter term (15 credit hours)**

HLSC 2202U Comprehensive Anatomy and Physiology  
HLSC 3601U Managing Health Care Teams  
NURS 2820U Comprehensive Pharmacotherapeutics  
PSYC 2010U Developmental Psychology  
Elective\*

\* An elective is any university-level course that is not a nursing (NURS) course, and that you are eligible to take.

## **RPN to BScN (part-time program)**

### **Fall term (6 credit hours)**

HLSC 0880U Science Bridge  
NURS 0420U Nursing Bridge

### **Winter term (6 credit hours)**

HLSC 2202U Comprehensive Anatomy & Physiology  
NURS 2820U Comprehensive Pharmacotherapeutics

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## Faculty of Science

### Applied and Industrial Mathematics

#### Fall term (15 credit hours)

BIOL 1010U Biology I  
CHEM 1010U Chemistry I  
CSCI 1000U Scientific Computing Tools  
MATH 1000U Introductory Calculus **OR** MATH 1010U Calculus I\*  
PHY 1010U Physics I **OR** PHY 1030U Introductory Physics\*

#### Winter term (15 credit hours)

BIOL 1020U Biology II  
CHEM 1020U Chemistry II  
MATH 1020U Calculus II  
PHY 1020U Physics II  
CSCI 1030U Introduction to Computer Science

\*Students who have completed Grade 12 Advanced Functions and Introductory Calculus or Calculus and Vectors should take MATH 1010U and PHY 1010U. Students without one of these high school courses or equivalent are directed to take MATH 1000U and PHY 1030U.

### Biological Science (Complementary Studies; Environmental Toxicology; Life Sciences; Pharmaceutical Biotechnology)

#### Fall term (15 credit hours)

BIOL 1010U Biology I  
CHEM 1010U Chemistry I  
CSCI 1000U Scientific Computing Tools  
MATH 1000U Introductory Calculus **OR** MATH 1010U Calculus I\*  
PHY 1010U Physics I **OR** PHY 1030U Introductory Physics\*

#### Winter term (15 credit hours)

BIOL 1020U Biology II  
CHEM 1020U Chemistry II  
MATH 1020U Calculus II  
PHY 1040U Physics for Biosciences II\*\*  
Elective\*\*\*

\*Students who have completed Grade 12 Advanced Functions and Introductory Calculus or Calculus and Vectors should take MATH 1010U and PHY 1010U. Students without one of these high school courses or equivalent are directed to take MATH 1000U and PHY 1030U.

\*\*Students who wish to take upper year physics courses must take PHY 1010U or PHY 1030U and PHY 1020U. However, students who achieve a B standing or higher in PHY 1040U will be permitted to proceed to higher level physics courses.

\*\*\*CSCI 1030U - Introduction to Computer Science is recommended for Pharmaceutical Biotechnology or Environmental Toxicology students and PSYC 1000U is mandatory for Life Sciences students.

## **Chemistry (Comprehensive program; Biological Chemistry; Pharmaceutical Chemistry)**

### **Fall term (15 credit hours)**

BIOL 1010U Biology I  
CHEM 1010U Chemistry I  
CSCI 1000U Scientific Computing Tools  
MATH 1000U Introductory Calculus **OR** MATH 1010U Calculus I\*  
PHY 1010U Physics I **OR** PHY 1030U Introductory Physics\*

### **Winter term (15 credit hours)**

BIOL 1020U Biology II  
CHEM 1020U Chemistry II  
MATH 1020U Calculus II  
PHY 1020U Physics II  
Elective (CSCI 1030U Introduction to Computer Science is recommended)

\*Students who have completed Grade 12 Advanced Functions and Introductory Calculus or Calculus and Vectors should take MATH 1010U and PHY 1010U. Students without one of these high school courses or equivalent are directed to take MATH 1000U and PHY 1030U.

## **Computing Science (Comprehensive program; Digital Forensics; Digital Media)**

### **Fall term (15 credit hours)**

CHEM 1010U Chemistry I  
CSCI 1000U Scientific Computing Tools  
MATH 2050U Linear Algebra  
MATH 1000U Introductory Calculus **OR** MATH 1010U Calculus I\*  
PHY1010U Physics I **OR** PHY 1030U Introductory Physics\*

### **Winter term (15 credit hours)**

BIOL 1840U Biology for Engineers (for students in the Comprehensive Program or Digital Media Specialization) **OR**  
FSCI 1010U Introduction to Forensic Science (ONLY for students in the Digital Forensics Specialization)  
CHEM 1020U Chemistry II  
CSCI 1030U Introduction to Computer Science  
MATH 1020U Calculus II  
PHY 1020U Physics II

\*Students who have completed Grade 12 Advanced Functions and Introductory Calculus or Calculus and Vectors should take MATH 1010U and PHY 1010U. Students without one of these high school courses or equivalent are directed to take MATH 1000U and PHY 1030U.

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## Forensic Science

### Fall term (15 credit hours)

BIOL 1010U Biology I  
CHEM 1010U Chemistry I  
CSCI 1000U Scientific Computing Tools  
MATH 1000U Introductory Calculus **OR** MATH 1010U Calculus I\*  
PHY 1010U Physics I **OR** PHY 1030U Introductory Physics\*

### Winter term (15 credit hours)

BIOL 1020U Biology II  
CHEM 1020U Chemistry II  
FSCI 1010U Introductory Forensic Science  
MATH 1020U Calculus II  
PHY 1040U Physics for BioSciences \*\*

\*Students who have completed Grade 12 Advanced Functions and Introductory Calculus or Calculus and Vectors should take MATH 1010U and PHY 1010U. Students without one of these high school courses or equivalent are directed to take MATH 1000U and PHY 1030U.

\*\*Students who wish to take upper year physics courses must take PHY 1010U or PHY 1030U and PHY 1020U. However, students who achieve a B standing or higher in PHY 1040U will be permitted to proceed to higher level physics courses.

## Physical Science

### Fall term (15 credit hours)

BIOL 1010U Biology I  
CHEM 1010U Chemistry I  
CSCI 1000U Scientific Computing Tools  
MATH 1000U Introductory Calculus **OR** MATH 1010U Calculus I\*  
PHY 1010U Physics I **OR** PHY 1030U Introductory Physics\*

### Winter term (15 credit hours)

BIOL 1020U Biology II  
CHEM 1020U Chemistry II  
MATH 1020U Calculus II  
PHY 1020U Physics II  
Elective

\*Students who have completed Grade 12 Advanced Functions and Introductory Calculus or Calculus and Vectors should take MATH 1010U and PHY 1010U. Students without one of these high school courses or equivalent are directed to take MATH 1000U and PHY 1030U.

## **Physics (Comprehensive program; Energy and Environment; Forensic Physics; Medical Physics)**

### **Fall term (15 credit hours)**

BIOL 1010U Biology I

CHEM 1010U Chemistry I

CSCI 1000U Scientific Computing Tools

MATH 1000U Introductory Calculus **OR** MATH 1010U Calculus I\*

PHY 1010U Physics I **OR** PHY 1030U Introductory Physics\*

### **Winter term (15 credit hours)**

BIOL 1020U Biology II

CHEM 1020U Chemistry II

MATH 1020U Calculus II

PHY 1020U Physics II

Elective (CSCI 1030U Introduction to Computer Science is recommended for Comprehensive, Energy and the Environment, and Medical Physics specializations) **OR** FSCI 1010U Introduction to Forensic Science (for students in the Forensic Physics specialization only)

\*Students who have completed Grade 12 Advanced Functions and Introductory Calculus or Calculus and Vectors should take MATH 1010U and PHY 1010U. Students without one of these high school courses or equivalent are directed to take MATH 1000U and PHY 1030U.

If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate academic calendar, [www.uoit.ca/calendar](http://www.uoit.ca/calendar) or for further clarification, please consult your Academic advisor.