UNIVERSITY OF ONTARIO
INSTITUTE OF TECHNOLOGY

Program Maps and
Important Information
for Newly Admitted Students

2013-2014

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Important information from the Office of the Registrar

Welcome to UOIT. The Office of the Registrar has two campus locations to better serve our students:

Downtown Oshawa campus location: 61 Charles, Room DTA 120
North Oshawa campus location: Room U5-68

Please contact us at 905.721.3190 or registration@uoit.ca, if you require assistance or have questions regarding your registration or other related matters.

Monday	8:30 a.m. – 4:30 p.m.	*PLEASE NOTE: The Registrar's office will also open at 8:30 a.m. on
Tuesday	8:30 a.m. – 4:30 p.m.	• July 3,
Wednesday*	10 a.m. – 4:30 p.m.	• July 10, • August 14,
Thursday	8:30 a.m. – 4:30 p.m.	• September 11, • September 18
Friday	8:30 a.m. – 4:30 p.m.	Unless specified above, the Registrar's
Saturday	Closed	office will not open until 10 a.m. on
Sunday	Closed	Wednesdays.

Registration assistance required?

Please ensure you consult our online Registration Guide at www.uoit.ca/mycampus prior to registering for courses. Please note: The guide is found on the home page of MyCampus on the left-hand side. You do not need to log into MyCampus to access the Registration Guide.

Be prepared: read this information and plan your schedule well before logging into MyCampus. It is important that you chart one or two conflict-free schedules prior to registering for your program courses. On the first two pages of the Registration Guide there are worksheets you can use to plan your schedules

Preview Available Courses: You can view the courses offered for your program by selecting under Links on the home page of MyCampus (left-hand side navigation) www.uoit.ca/mycampus/avail_courses.html.

Still having trouble? Call 905.721.3190 for further registration assistance.

Academic advising

We recommend you consult the academic advisor responsible for those courses you wish to add, drop or waive registration requirements or if you need advice about degree requirements or academic goals.

A list of academic advisors and their contact information is listed in this document.

Financial obligations

When you register, you accept responsibility for payment of fees. Your balance owing will be made available through the online registration process. Fees are charged on a per-course basis, so please recheck your account balance every time you make a change to your registration.

The deadline for payment of the fall term portion of your fees is **August 15, 2013. You may pay your fees in full for the fall term or you may pay by instalment.** The final instalment of fall term

fees is due on **September 18, 2013.** The instalment payment option is available to full-time, undergraduate domestic and international students.

Term	First Instalment Due Date	Full-time Domestic Undergraduate Instalment Payment	Full-time International Undergraduate Instalment Payment	Final Instalment Due Date (funds remaining)
Fall 2013	August 15	$3000	$5000	September 18
Winter 2014	December 16	$3000	$5000	January 17

Your winter term fees are due by **December 16, 2013. If you are paying by instalment, your second instalment is due on January 17, 2013.** The instalment payment option is not available to part-time students. Fee payment confirms registration in your courses, failure to pay fees, or arrange an approved deferment by stated fee payment deadlines could result in de-registration from courses.

If you have been approved for OSAP, please refer to the payment options in the Paying your fees section of this guide. Information is available online at www.uoit.ca/paymentoptions or in person through the Cashier Services department at the north Oshawa campus location, Room U5-68 or the downtown Oshawa campus location, 61 Charles Street, Room 120.

Financial aid/OSAP
Information regarding OSAP funding distribution is available online at www.uoit.ca/safa or in person through the Financial Aid office at the North Oshawa location, Room U5-68 or the Downtown Oshawa campus location, 61 Charles Street, Room 120.

Student Insurance Health and Dental Plan
All registered full-time students are automatically enrolled in the Student Insurance Plan and must pay the health and dental fee as part of their tuition. If you have other coverage, you can use the student plan in coordination with existing coverage to increase coverage or you may decline coverage for the extended health and dental coverage if you have other similar coverage by completing the online opt out during the month you start full time. Information on how to opt-out will be available on the Student Association website www.your-sa.ca. The deadline to opt out of the health insurance plan is September 30, 2013. If you wish to opt-out of your insurance, you can do so online between **September 1, 2013 and September 30, 2013 and complete the online opt out form and provide proof of other coverage.**

Full-time students that remain on the Student Insurance Plan can pay an additional fee to have dependants opted into the plan. Opt-in can be completed online or in person at the Student Association Office between **September 1, 2013 and September 30, 2013.**

Additional information can be obtained from the Student Association website by visiting www.your-sa.ca or in person at the Student Association office, 2nd Floor, Student Centre, North Oshawa campus location. You must pay the insurance fees upfront and then you will be reimbursed if the online opt-out process is completed by **September 30, 2013 and you have provided the required proof of other coverage.** Further information can be accessed by visiting your Student Association website at http://www.your-sa.ca/services-section/student-insurance-plan.

Photo ID (UOIT Student Card)

As a new student, you are strongly encouraged to obtain your multi-year 2013-2014 student identification card as soon as you've officially registered and chosen all your fall classes. **You must obtain your student ID card before your laptop distribution session.**

Your ID card will also ensure valid identification for September access to meal plans/flex dollars, athletics, the library, and for full-time students, the U-Pass student transit bus services with Durham Region Transit and GO Transit bus services within Durham Region. Your full-time student ID card is required by **September 6, 2013** for U-Pass access. This ID card must also be presented at all final examinations.

See the Registration Guide or visit www.uoit.ca/studentid for Campus ID office hours.

To receive your student ID card, present your current timetable or proof of registration plus one valid government-issued piece of photo ID.

For further Campus ID details please visit **www.uoit.ca/studentid** or email photoid@dc-uoit.ca.

Laptop (pick-up)

One of the greatest advantages of UOIT's technology-enriched learning environment is that all students have equal access to the same technology, resources and services. It is mandatory that all UOIT students participate in the technology-enriched learning environment. All new students are required to attend a laptop distribution session prior to the start of classes.

After you have registered for a laptop pick-up session on MyCampus (as outlined in the Registration Guide), pick-up your laptop at the north Oshawa campus location library, lower level, Student Association Den during your assigned time.

For further inquiries, you can either visit our website at **www.itsc.uoit.ca** or email **Ask.IT@uoit.ca**.

Parking

Annual (12-month) and semi-annual (semester) parking permits are available for our north Oshawa campus location and downtown Oshawa location. For information about rates, or to purchase a permit, please visit our online Application Processing Centre. You will need a valid email address to register and purchase a permit.

All permit holders (with the exception of those purchasing permits for Campus Corners) will be issued an access card. Permit holders will swipe in and out of their designated parking lots.

Please ensure your vehicle's license plate is registered in the Parking system at http://uoit.parkadmin.ca under the Vehicles tab. Licenses will be scanned to confirm if a vehicle is registered.

Aboriginal Resource Centre

Email: arc@uoit.ca
www.uoit.ca/aboriginal

The resource centre staff are available to ease First Nation, Métis and Inuit students' transition into and throughout their journey at UOIT. We strive to provide an environment that fosters personal and cultural growth, along with academic success. In a holistic manner, in partnership with the campus community, we aim to ensure that we have provided students with the personal, cultural and academic tools necessary to find their role within the community. The centre offers a wide range of services to help students succeed on and off campus, including counselling support, cultural programming, Elder-in residence, along with sponsorship, scholarship and bursary assistance.

International students

Student advisor: Mr. Abu Arif

Email: abu.arif@uoit.ca   Webpage: www.uoit.ca/cool2behere

International students should consult Mr. Abu Arif regarding arrival information, study permits, graduation letters, health insurance coverage known for the majority of students as UHIP, international student orientation, airport pick-up during first-time arrival, cultural adjustment, international events and general student life issues for international students.

For further information regarding UHIP, please visit www.uoit.ca/intlstudenthealthinsurance

Program and course advising for all students, including international students is provided by the academic advisors. You will find a full list of academic advisors is in this document.

Student Life

The office of Student Life is committed to facilitating your transition and integration into the university community and to supporting your personal and career development throughout your time at UOIT. Services and supports provided include the Student Learning Centre, committed to supporting you in managing the academic expectations at UOIT; the Career Centre, offering a range of career development supports and select internship opportunities; Disability Services (downtown Oshawa campus location)*; and the Student Experience Centre, which offers an involvement recognition program, community relations and housing support, peer programming, first-year programming, leadership programming and orientation programming. You will receive more information about orientation programming from the Student Experience Centre in early July.

*Students at the Downtown Oshawa campus location will be provided service through Disability Services located at 61 Charles Street, Oshawa, ON L1H 4X8 in room DTA 225. Students at the North Oshawa location will be provided services through the Centre for Students with Disabilities located at 2000 Simcoe Street North, Oshawa, ON L1H 7K4 in room SW116. For more information, please visit www.uoit.ca/csd.

Academic advising – 10 reasons to meet an advisor

Academic advisors will meet students who are currently enrolled, or have been admitted and accepted UOIT's offer of admission. Academic advisors strive to assist students to make choices that will lead to their academic success. Your advisor can support you from start to finish, from selecting a program to planning for the future.

Visit an academic advisor if you:

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

Advisor contact information

Faculty/ Faculty location	Program	Academic advisor	Courses	Advisor office	Contact
Business and Information Technology UOIT North Business and IT building, 4th Floor	Commerce (years 1-2)	Cyndi Hillis	BUSI, ECON	UB 4024	**cyndi.hillis@uoit.ca**
	Commerce (years 3-4) and Commerce Bridge/Pathways	Christina Pearsall	BUSI	UB 4026	**christina.pearsall@uoit.ca**
	Information Technology and IT Bridge/ Pathways	Kimberley Young	INFR	UB 4022	**kimberley.young@uoit.ca**
Education UOIT Downtown 11 Simcoe Street North	Adult Education & Digital Technology	Kim Mitchell	AEDT, EDUC	EDU 527	**Kim.mitchell@uoit.ca**
Energy Systems and Nuclear Science UOIT North Science building or Energy Research Centre	All programs in this faculty	Kerry Morrison	ENGR, RADI, NUCL	ERC 4033	**fesnsadvising@uoit.ca**
Engineering and Applied Science UOIT North Engineering building	All programs in this faculty	Joanna Campbell Tammy Mulley	ENGR	ENG 1020 & ENG 1021	**Engineering.advising@uoit.ca**
	All programs in this faculty (Year 1)	Theeben Jegatheesan	ENGR	ENG	**Engineering.advising@uoit.ca**
Health Sciences UOIT North Science building, 3rd Floor	Allied Health Sciences, Nursing	Tracey Szarka	HLSC, NURS	UA 3013	**Healthscience.advising@uoit.ca**
	Health Science, Medical Lab Science, Kinesiology	Darci Aylward	HLSC, MLSC	UA 3011	**Healthscience.advising@uoit.ca**
Science UOIT North Science building, 4th Floor	All programs in this faculty	Tara Jackson Nicole Suss	BIOL, CHEM, ENVS, FSCI, MATH, PHY, SCIE, STAT, CSCI	UA4012/40 13	**Science.advising@uoit.ca**
Social Science and Humanities UOIT Downtown 55 Bond Street East	All programs in this faculty	Amy Anderson Alexandra Herman Kellie Newberry Patricia Macmillan	COMM, LGLS, PHIL, POSC, PSYC, PUBP, SOCI, SSCI, ALSU, CDEV, CDPS	DTB 402 & 403	**SSHadvising@uoit.ca**

Faculty of Business and Information Technology

➤ The courses listed in the table below are required for your first year of study in the following program

Program	Commerce
Course Code	Course Title
Semester 1	15 credit hours
BUSI 1010U	Critical Thinking and Ethics
BUSI 1520U	Business Computer Applications
BUSI 1600U	Management of the Enterprise
BUSI 1915U	Business Math I
ECON 2010U	Microeconomics
Semester 2	15 credit hours
BUSI 1020U	Business Communications
BUSI 1916U	Business Math II
BUSI 2150U	Financial Accounting I
ECON 2020U	Macroeconomics
General Elective	

General Elective- An elective that is not a business course and may include any UOIT course
-for which a student has the required prerequisites;
-that students are not precluded from taking by program restriction; and
-that fits the student's schedule.

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

➤ The following courses are required as part of your bridge course completion:

Program	Commerce Bridge
Course Code	Course Title
BUSI 1010U	Critical Thinking and Ethics
BUSI 1101U	Financial Accounting
BUSI 1915U	Business Math I
BUSI 2311U	Organizational Behaviour
BUSI 2401U	Finance I

If you have any questions regarding your program or future course requirements please visit the faculty website at www.businessandit.uoit.ca or contact your academic advisor.

➢ Please follow your Information Technology program by registering for only the courses for your first year of study check marked (✓) beneath your program of study.

Programs	Information Technology:	Networking and Information Technology Security	Game Development and Entrepreneurship
Course Code	Course Title		
Semester 1		15 credit hours	15 credit hours
BUSI 1600U	Management of the Enterprise	✓	
BUSI 1700U	Intro to Entrepreneurship		✓
COMM 1050U	Technical Communications	✓	
INFR 1016U	Introductory Calculus	✓	
INFR 1020U	Essential Math for Games I		✓
INFR 1100U	Intro to Programming	✓	✓
INFR 1310U	Graphic Design I		✓
INFR 1330	Introduction to Game Design		✓
INFR 1395U	Game Development Workshop 1 (No credit hours)		✓
INFR 1411U	Intro to Networking	✓	
Semester 2		15 credit hours	15 credit hours
BUSI 2210U	Marketing in the Information Technology Sector	✓	✓
INFR 1010U	Discrete Mathematics	✓	
INFR 1030U	Essential Math for Games II		✓
INFR 1320U	Graphic Design II		✓
INFR 1335U	Digital Game Design		✓
INFR 1396U	Game Development Workshop II (No credit hours)		✓
INFR 1421U	Introduction to Networking II	✓	
INFR 2140U	Object Oriented Programming	✓	✓
INFR 2810U	Computer Architecture	✓	

Your academic advising office will be sending an email to first-year newly admitted students with additional information and recommended conflict-free schedules.

These conflict-free schedules will also be posted to the faculty website: www.businessandit.uoit.ca

Upper Year Students:
If you have been admitted to upper year standing, including the direct entry Networking and IT Security program, please follow the program map for your program that is specified in the current undergraduate calendar at www.uoit.ca/calendar or for further clarification, please consult your academic advisor.

➢ The following courses are required as part of your bridge course completion:

Program	Game Development and Entrepreneurship Bridge
Course Code	Course Title
BUSI 1700U	Introduction to Entrepreneurship
INFR 1020U	Essential Mathematics for Games I
INFR 1030U	Essential Mathematics for Games II
INFR 2140U	Object Oriented Programming
INFR 2810U	Computer Architecture

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➢ The following courses are required as part of your bridge course completion. Please follow your program of study by registering for only the courses check marked (✓) beneath your program.

Programs	Information Technology Security Bridge:	Two-year Ontario college diploma in Information Technology or Computer Systems Technology	Three-year Ontario college diploma in Information Technology or Computer Systems Technology
Course Code	Course Title		
INFR 1010U	Discrete Mathematics	✓	✓
INFR 1016U	Introductory Calculus	✓	✓
INFR 2810U	Computer Architecture	✓	
INFR 2820U	Algorithms & Data Structures	✓	✓
General elective		✓	

If you have any questions regarding your program or future course requirements please visit the faculty website at www.businessandit.uoit.ca or contact your academic advisor.

Faculty of Education

➢ The courses listed in the table below are required for your first year of study in the following program:

Note: All courses are delivered online.

Program	Adult Education and Digital Technology
Course Code	Course Title
Semester 1	15 credit hours
AEDT 1120U	Foundations of Digital Teaching and Learning Technologies
AEDT 2160U	Online Learning: Theory and Research
AEDT 3140U	Creating Digital Tools
COMM 1310U	Fundamentals of Professional Writing
EDUC 4703U	Problem-based Learning
Semester 2	15 credit hours
AEDT 1110U	Foundations of Adult Learning
AEDT 1170U	Psychological Foundations and Digital Technologies
AEDT 2120U	Culture and Digital Technologies
AEDT 2150U	Digital Technologies and Advanced Teaching Methods
AEDT 4120U	Serious Gaming and Simulations

For further information regarding the Adult Education and Digital Technology program, please visit www.education.uoit.ca/ba_program/index.php and or contact Kim Mitchell at Kim.mitchell@uoit.ca or 905.721-8668, ext. 3762.

Faculty of Energy Systems and Nuclear Science

➢ Please follow your program of study by registering for only the courses check marked (✔) beneath your program.

Programs		Energy Systems Engineering	Nuclear Engineering
Course Code	Course Title		
Semester 1		15 credit hours	18 credit hours
COMM 1050U	Technical Communications	✔	✔
ENGR 3200U	Engineering Graphics and Design	✔	✔
MATH 1010U	Calculus I	✔	✔
MATH 1850U	Linear Algebra for Engineers	✔	✔
PHY 1010U	Physics I	✔	✔
Liberal studies elective*			✔
Semester 2		18 credit hours	18 credit hours
CHEM 1800U	Chemistry for Engineers	✔	✔
ENGR 1200U	Introduction to Programming	✔	✔
ENVS 1000U	Environmental Science	✔	✔
MATH 1020U	Calculus II	✔	✔
NUCL 1530U	Radiation and Nuclear Technologies	✔	✔
PHY 1020U	Physics II	✔	✔

*Please consult www.nuclear.uoit.ca for a list of approved liberal studies electives or email your advisor at fesnsadvising@uoit.ca.

➢ The courses listed in the table below are required for your first year of study in the following program:

Program	Health Physics and Radiation Science
Course Code	Course Title
Semester 1	15 credit hours
CHEM 1010U	Chemistry I
COMM 1050U	Technical Communications
MATH 1010U	Calculus I
MATH 1850U	Linear Algebra for Engineers
PHY 1010U	Physics I
Semester 2	18 credit hours
BIOL 1011U	Introductory Cell and Molecular Biology
CHEM 1020U	Chemistry II
ENGR 1200U	Introduction to Programming
MATH 1020U	Calculus II
NUCL 1530U	Radiation and Nuclear Technologies
PHY 1020U	Physics II

Upper year Students:
If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate calendar at www.uoit.ca/calendar or for further clarification, please consult your academic advisor at fesnsadvising@uoit.ca.

Faculty of Engineering and Applied Science

➢ The courses listed in the table below are required for your first year of study in the following programs:

Programs	Automotive Engineering, Electrical Engineering, Manufacturing Engineering, Mechanical Engineering*, Software Engineering
Course Code	Course Title
Semester 1	**15 credit hours**
COMM 1050U	Technical Communications
ENGR 1015U	Introduction to Engineering
MATH 1010U	Calculus I
MATH 1850U	Linear Algebra for Engineers
PHY 1010U	Physics I
Semester 2	**18 credit hours**
CHEM 1800U	Chemistry for Engineers
ENGR 1025U	Engineering Design
ENGR 1200U	Introduction to Programming for Engineers
MATH 1020U	Calculus II
PHY 1020U	Physics II
SSCI 1470U	Impact of Science and Technology on Society

*Mechanical Engineering includes: Comprehensive, Energy Engineering option, and Mechatronics Engineering option

Faculty of Health Sciences

➢ The following courses are required as part of your bridge course completion:

Program	Allied Health Sciences	
Course Code	Course Title	
Semester 1	6 credit hours	
HLSC 1701U	Academic Writing: Perspectives in Health	
HLSC 2700U	Mathematical Reasoning in Health Sciences	
Semester 2	6 credit hours	
HLSC 1811U	Social Determinants of Health	
Elective		

➢ The courses listed in the table below are required for your first year of study in the following programs:

Program	Health Science	
Course Code	Course Title	
Semester 1	15 credit hours	
BIOL 1010U	Biology I	
HLSC 1200U	Anatomy and Physiology I	
HLSC 1702U	Academic Writing and Presentation Skills	
HLSC 1810U	Health Promotion and Healthy Active Living	
CHEM 1010 OR Open Elective	Chemistry I OR Open Elective	
Semester 2	15 credit hours	
BIOL 1020U	Biology II	
HLSC 1201U	Anatomy and Physiology II	
HLSC 1811U	Social Determinants of Health	
PSYC 1000U	Introductory Psychology	
CHEM 1020 OR Open Elective	Chemistry II OR Open Elective	

Note: Students may apply to the Public Health specialization or the Human Health Science specialization at the end of their first year of studies.

** Students interested in applying for the Human Health Science specialization after first year, must enrol in CHEM 1010 and CHEM 1020 in the first year. Students interested in taking the Public Health specialization may take two electives instead.

Open electives include any UOIT course
 -for which a student has the required prerequisites;
 -that students are not precluded from taking by program restriction; and
 -that fits the student's schedule.

Upper Year Students:
If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate calendar at www.uoit.ca/calendar or for further clarification, please consult your academic advisor Healthscience.advising@uoit.ca.

➢ Please follow your Kinesiology program by registering for only the courses check marked (✓) beneath your program of study.

Program	Kinesiology:	Exercise Science option	Health and Wellness option
Course Code	Course Title		
Semester 1	**15 credit hours**	**15 credit hours**	**15 credit hours**
BIOL 1010U	Biology I	✓	✓
CHEM 1010U	Chemistry I	✓	
HLSC 1200U	Anatomy and Physiology I	✓	✓
HLSC 1702U	Academic Writing and Presentation Skills	✓	✓
HLSC 1810U	Health Promotion and Healthy Active Living	✓	✓
Open elective			✓
Semester 2	**15 credit hours**	**15 credit hours**	**15 credit hours**
BIOL 1020U	Biology II	✓	
CHEM 1020U	Chemistry II	✓	
HLSC 1201U	Anatomy and Physiology II	✓	✓
HLSC 1811U	Social Determinants of Health	✓	✓
PSYC 1000U	Introductory Psychology	✓	✓
SOCI 1000U	Introductory Sociology		✓
Open elective			✓

Students interested in applying to the Rehabilitation option must follow the Exercise Science option above. Students will have the option of applying to the Rehabilitation option following their first year of studies

Open electives include any UOIT course: For which a student has the required prerequisites; that students are not precluded from taking by program restriction; and that fits the student's schedule.

Upper Year Students:
If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate calendar at www.uoit.ca/calendar or for further clarification, please consult your academic advisor Healthscience.advising@uoit.ca.

➢ The courses listed in the table below are required for your first year of study in the following programs.

Note: The Fitness and Health Promotion Degree Completion program is designed for students who have met the full requirements of an Ontario college Fitness and Health Promotion diploma and have been awarded a block transfer of credits towards our Kinesiology program.

Program	Kinesiology: Fitness and Health Promotion Degree Completion
Course Code	Course Title
Semester 1	**12 credit hours**
BIOL 1010U	Biology I
HLSC 1702U	Academic Writing and Presentation Skills
HLSC 2825U	Nutrition and Health
HLSC 3800U	Critical Appraisal of Statistics in Health Science
Semester 2	**15 credit hours**
HLSC 1811U	Social Determinants of Health
HLSC 2110U	Foundations in Clinical and Exercise Biochemistry
HLSC 2202U	Comprehensive Anatomy and Physiology
HLSC 3711U	Ethics in Kinesiology
HLSC 3910U	Research Methods for Health Care Professionals: Theory and Application

Please refer to the attached link for additional information regarding course requirements
http://healthsciences.uoit.ca/undergraduate/programs/fitness-and-health-promotion-bridge/program-maps.php

➢ The courses listed in the table below are required for your first year of study in the following program:

Program	Medical Laboratory Science
Course Code	Couse Title
Semester 1	**15 credit hours**
BIOL 1010U	Biology I
CHEM 1010U	Chemistry I
HLSC 1200U	Anatomy and Physiology I
HLSC 1701U	Academic Writing: Perspectives in Health
Open elective	
Semester 2	**15 credit hours**
CHEM 1020U	Chemistry II
HLSC 1201U	Anatomy and Physiology II
HLSC 2110U	Foundations in Clinical and Exercise Biochemistry
MATH 1880U	Mathematical Modelling for Health Science
Open elective	HLSC 1811U Social Determinants of Health is recommended for this elective.

<u>Open electives include any UOIT course</u>: For which a student has the required prerequisites; that students are not precluded from taking by program restriction; and that fits the student's schedule.

> The courses listed in the table below are required for your first year of study in the following program:

Program	Nursing
Course Code	Course Title
Semester 1	**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
Semester 2	**15 credit hours**
HLSC 1201U	Anatomy and Physiology II
NURS 1503U	Foundations for Nursing Practicum II
NURS 1700U	Health and Healing: Older Adult Nursing Theory and Practicum
NURS 2320U	Health Assessment
SOCI 1000U	Introductory Sociology

Conflict-free schedules have been prepared for your registration. Students are required to select and register *only* for course sections in their chosen combination for *both* fall and winter. Please visit the faculty web site for further information:
http://healthsciences.uoit.ca/undergraduate/programs/bachelor-of-science-in-nursing/new-student-course-registration.php

Upper Year Students:
If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate calendar at www.uoit.ca/calendar or for further clarification, please consult your academic advisor at Healthscience.advising@uoit.ca.

> Qualified students must successfully complete the following three bridge courses:

Program	Post-RPN – BScN Bridge
Course Code	Course Title
Semester 1	**9 credit hours**
HLSC 0880U	Science bridge
HLSC 1300U	Information and Communication Technology in Health Care
NURS 0420U	Professional Nursing – Bridging
Semester 2	**15 credit hours**
HLSC 2202U	Comprehensive Anatomy & Physiology
HLSC 3601U	Interprofessional Health Care Teams
NURS 2820U	Integrated Health Assessment & Pharmacology
PSYC 2010U	Developmental Psychology
Elective	

Faculty of Science

➢ The courses listed in the table below are required for your first year of study in the following program:

Program	Applied and Industrial Mathematics
Course Code	Course Title
Semester 1	**15 credit hours**
BIOL 1011U OR BIOL 1010U	Introductory Cell and Molecular Biology$^+$ OR Biology I
CHEM 1010U	Chemistry I
CSCI 1030U	Introduction to Computer Science with C++
MATH 1000U OR MATH 1010U	Introductory Calculus^{++} OR Calculus I^{++}
PHY 1010U OR PHY 1030U	Physics I^{++} OR Introductory Physics^{++}
Semester 2	**15 credit hours**
BIOL 1021U OR BIOL 1020U OR CHEM 1020U	Introduction to Organismal Biology and Ecology OR Biology II OR Chemistry II
MATH 1020U	Calculus II
MATH 2050U	Linear Algebra
PHY 1020U	Physics II
Elective**	

$^+$Students who wish to take upper-year Biology courses must take BIOL 1010U and BIOL 1020U

$^{++}$All students who have completed Grade 12 Advanced Functions (MHF4U) and Calculus and Vectors (MCV4U) 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.

Upper year Students:
If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate calendar at www.uoit.ca/calendar or for further clarification, please consult your academic advisor Science.Advising@uoit.ca.

➤ Please follow your Biological Science program by registering for only the courses check marked (✓) beneath your program of study:

Program	Biological Science specializations:	Complementary	Environmental Toxicology & Pharmaceutical Biotechnology	Life Sciences
Course Code	Course Title			
Semester 1		**15 credit hours**	**15 credit hours**	**15 credit hours**
BIOL 1010U	Biology I	✓	✓	✓
CHEM 1010U	Chemistry I	✓	✓	✓
CSCI 1040U	Introduction to Computer Science with Python	✓	✓	
MATH 1000U OR MATH 1010U	Introductory Calculus+ OR Calculus I+	✓	✓	✓
PHY 1010U OR PHY 1030U	Physics I+ OR Introductory Physics+	✓	✓	✓
Elective	CSCI 1040U Introduction to Computer Science with Python is recommended			✓
Semester 2		**15 credit hours**	**15 credit hours**	**15 credit hours**
BIOL 1020U	Biology II	✓	✓	✓
CHEM 1020U	Chemistry II	✓	✓	✓
MATH 1020U	Calculus II	✓	✓	✓
PHY 1040U	Physics for Biosciences++	✓	✓	✓
PSYC 1000U	Introductory Psychology			✓
Elective		✓	✓	

+All students who have completed Grade 12 Advanced Functions (MHF4U) and Calculus and Vectors (MCV4U) 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.

Upper Year Students:
If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate calendar at www.uoit.ca/calendar or for further clarification, please consult your academic advisor Science.Advising@uoit.ca.

➤ The courses listed in the table below are required for your first year of study of your diploma to degree program:

Program	Biological Science – Biotechnology Technologist diploma to degree program
Course Code	Course Title
Semester 1	15 credit hours
MATH 1000U	Introductory Calculus or MATH 1010 Calculus I+
PHY 1010U	Physics I or PHY 1030U Introductory Physics +
BIOL 3050U	Developmental Biology
BIOL 3080U	Biochemistry II
Elective*	ENVS 1000U recommended
Semester 2	15 credit hours
MATH 1020U	Calculus II
PHY 1040U	Physics for Bioscience++
Two third-year BIOL electives	recommend two of: BIO3031U, BIOL 3040U, BIOL 3620U or BIOL 3650U**
Elective	recommend PHY 2900U or PSYC 1000U

+All students who have completed Grade 12 Advanced Functions (MHF4U) and Calculus and Vectors (MCV4U) 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

Upper year Students:
If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate calendar at www.uoit.ca/calendar or for further clarification, please consult your academic advisor Science.Advising@uoit.ca.

➢ Please follow your program of study by registering for only the courses check marked (✓) beneath your program:

Note: The programs maps below pertain to the Regular program and Co-operative Education program

Programs		Chemistry: All Specializations	Computing Science: Comprehensive & Digital Media specialization	Forensic Science Specializations: Biology, Chemistry, Psychology	Forensic Science Specialization: Physics
Course Code	Course Title				
Semester 1		15 credit hours	15 credit hours	15 credit hours	15 credit hours
BIOL 1010U	Biology I	✓		✓	✓
BIOL 1011U OR BIOL 1010U	Introductory Cell and Molecular Biology++ OR Biology I		✓		
CHEM 1010U	Chemistry I	✓	✓	✓	✓
CSCI 1030U	Introduction to Computer Science with C++		✓		
CSCI 1040U	Introduction to Computer Science with Python	✓		✓	✓
MATH 1000U OR MATH 1010U	Introductory Calculus+ OR Calculus I+	✓	✓	✓	✓
PHY 1010U OR PHY 1030U	Physics I+ OR Introductory Physics+	✓	✓	✓	✓
Semester 2		15 credit hours	15 credit hours	15 credit hours	15 credit hours
BIOL 1020U	Biology II	✓		✓	✓
BIOL 1021U OR BIOL 1020U OR CHEM 1020U	Introduction to Organismal Biology and Ecology++ OR Biology II OR Chemistry II		✓		
CHEM 1020U	Chemistry II	✓		✓	✓
CSCI 1060U	Programming Workshop		✓		
FSCI 1010U	Introductory Forensic Science			✓	✓
MATH 1020U	Calculus II	✓	✓	✓	✓
MATH 2050U	Linear Algebra		✓		
PHY 1020U	Physics II	✓	✓		✓
PHY 1040U	Physics for Biosciences+++			✓	
Elective	MATH 2050U Linear Algebra is recommended	✓			

+All students who have completed Grade 12 Advanced Functions (MHF4U) and Calculus and Vectors (MCV4U) 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 Biology courses must take BIOL 1010U and BIOL 1020U.

+++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.

➢ Please follow your program of study by registering for only the courses check marked (✓) beneath your program:

Note: The programs maps below pertain to the Regular program and Co-operative Education program

Program		Physical Science	Physics: Comprehensive	Physics Specialization: Energy and Environmental Physics	Physics Specialization: Astrophysics
Course Code	Course Title				
Semester 1		**15 credit hours**	**15 credit hours**	**15 credit hours**	**15 credit hours**
BIOL 1011U OR BIOL 1010U	Introductory Cell and Molecular Biology[+] OR Biology I	✓	✓	✓	✓
CHEM 1010U	Chemistry I	✓	✓	✓	✓
CSCI 1030U	Introduction to Computer Science with C++		✓	✓	✓
MATH 1000U OR MATH 1010U	Introductory Calculus[++] OR Calculus I[++]	✓	✓	✓	✓
PHY 1010U OR PHY 1030U	Physics I[++] OR Introductory Physics[++]	✓	✓	✓	✓
Elective		✓			
Semester 2		**15 credit hours**	**15 credit hours**	**15 credit hours**	**15 credit hours**
BIOL 1021U OR BIOL 1020U	Introduction to Organismal Biology and Ecology[+] OR Biology II			✓	
BIOL 1021U OR BIOL 1020U OR CHEM 1020U	Introduction to Organismal Biology and Ecology[+] OR Biology II OR Chemistry II	✓	✓		✓
CHEM 1020U	Chemistry II			✓	
MATH 1020U	Calculus II	✓	✓	✓	✓
MATH 2050U	Linear Algebra		✓	✓	✓
PHY 1020U	Physics II	✓	✓	✓	✓
PHY 2900U	Astronomy I				✓
Elective		✓	✓		
Elective		✓			

[+]Students who wish to take upper-year Biology courses must take BIOL 1010U and BIOL 1020U
[++]All students who have completed Grade 12 Advanced Functions (MHF4U) and Calculus and Vectors (MCV4U) should take MATH 1010Uand PHY 1010U. Students without one of these high school courses or equivalent are directed to take MATH 1000Uand PHY 1030U.

Upper year Students:
If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate calendar at www.uoit.ca/calendar or for further clarification, please consult your academic advisor Science.Advising@uoit.ca.

Faculty of Social Science and Humanities

➢ Please follow your Communication program by registering for only the courses check marked (✓) beneath your program of study.

Programs	Communication specializations:	Comprehensive	Digital Media, Culture and Society	Globalization, Communication and Social Change
Course code	Course Title			
Semester 1		15 credit hours	15 credit hours	15 credit hours
COMM 1100U	Introduction to Communication	✓	✓	✓
COMM 1310U	Fundamentals of Professional Writing	✓	✓	✓
COMM 1420U	Digital Humanities	✓	✓	✓
CSCI 1030U	Introduction to Computer Science with C++		✓	
PSYC 1000U	Introductory Psychology	✓	✓	✓
General* elective	Recommended elective: ALSU 1101U Foundations for Academic Learning and Success)	✓		✓
Semester 2		15 credit hours	15 credit hours	15 credit hours
CDPS 1000U	What is Community?			✓
COMM 1320U	Oral Communication and Public Speaking	✓	✓	✓
COMM 1610U	Interpersonal Communication	✓	✓	✓
SOCI 1000U	Introductory Sociology	✓	✓	✓
SSCI 1200U	Introduction to Social Policy	✓	✓	✓
General* elective		✓	✓	

*General electives can be taken at/or adjoining their year level, where permission has been granted and prerequisites have been fulfilled. No more than six 1000-level elective courses can be included.

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

➢ The Communication Bridge program consists of the following two courses in the Fall semester:

Program	Communication Bridge
Course Code	Course Title
Semester 1	6 credit hours
COMM 1100U	Introduction to Communication; and
COMM 2110U	Foundations of Communication Theory

For further information regarding your bridge program and semester 2 course selections, please consult your academic advising team at SSHadvising@uoit.ca.

➢ The courses listed in the table below are required for your first year of study in the following program:

Program	Community Development and Policy Studies
Course Code	Course Title
Semester 1	**15 credit hours**
PSYC 1000U	Introductory Psychology
SSCI 1000U OR SSCI 1010U	Introduction to Criminal Justice OR Introduction to Canadian Legal System
SSCI 1300U	Social Problems
SSCI 1910U	Writing for the Social Sciences
Elective	ALSU 1101U Foundations for Academic Learning and Success is recommended
Semester 2	**15 credit hours**
CDPS 1000U	What is Community?
COMM 1610U	Interpersonal Communication
POSC 1000U	Political Science
SOCI 1000U	Introductory Sociology
SSCI 1200U	Introduction to Social Policy

➢ The courses listed in the table below are required for your first year of study in the following program:

Program	Criminology and Justice Specializations: Comprehensive; Gender, Sexualities & Justice; Race, Ethnicity & Justice; Youth, Crime & Justice
Course Code	Course Title
Semester 1	**15 credit hours**
SSCI 1000U	Introduction to Criminal Justice
SSCI 1010U	Introduction to Canadian Legal System
SSCI 1300U	Social Problems
SSCI 1910U	Writing for the Social Sciences
Elective	ALSU 1101U Foundations for Academic Learning and Success is recommended
Semester 2	**15 credit hours**
POSC 1000U	Political Science
PSYC 1000U	Introductory Psychology
SOCI 1000U	Introductory Sociology
SSCI 1200U	Introduction to Social Policy
Elective	

Upper Year Students:
If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate calendar at www.uoit.ca/calendar or for further clarification, please consult your academic advising team at SSHadvising@uoit.ca.

➢ The following courses are required as part of your bridge course completion. Please follow your program of study by registering for only the courses check marked (✓) beneath your program.

Programs	Criminology and Justice Bridge	For graduates of Police Foundations, Correctional Worker/Community and Justice Services, Child and Youth Worker (CYW), or Law and Security Administration the Criminology and Justice Bridge program consists of the following four courses:	For students with a graduate certificate in Youth Corrections and Interventions (YCI) and a two- or three-year college diploma in a related field will take the following two bridge courses:
Course Code	Course Title		
Semester 1		6 credit hours	3 credit hours
PSYC 2030U	Abnormal Psychology	✓	
SSCI 2025U	Youth Cultures		✓
SSCI 2900U	Research Methods	✓	
Semester 2		6 credit hours	3 credit hours
SSCI 2810U	Sociological Theories of Crime	✓	
SSCI 2910U	Quantitative Methods	✓	✓

For further information regarding your bridge program, please consult your academic advising team at SSHadvising@uoit.ca.

➢ The courses listed in the table below are required for your first year of study in the following program:

Program	Forensic Psychology
Course code	Course Title
Semester 1	15 credit hours
BIOL 1841U	Essentials of Biology
PSYC 1000U	Intro Psychology
SSCI 1000U	Intro to Criminal Justice
SSCI 1910U	Writing for the Social Sciences
Elective	ALSU 1101U Foundations for Academic Learning and Success is recommended
Semester 2	15 credit hours
FSCI 1010U	Intro to Forensic Science
POSC 1000U	Political Science
SOCI 1000U	Intro Sociology
SSCI 1010U	Intro to Canadian Legal Systems
Elective	

Upper year Students:
If you have been admitted to upper year standing, please follow the program map for your program that is specified in the current undergraduate calendar at www.uoit.ca/calendar or for further clarification, please consult your academic advising team at SSHadvising@uoit.ca.

➢ The courses listed in the table below are required for your first year of study in the following program:

Programs	Legal Studies specializations: Comprehensive; Alternative Dispute Resolution; Human Rights Law; Information Law	
Course code	Course Title	
Semester 1	**15 credit hours**	
COMM 1100U	Intro to Communication	
PSYC 1000U	Introductory Psychology	
SSCI 1000U	Intro to Criminal Justice	
SSCI 1300U	Social Problems	
SSCI 1910U	Writing for Social Sciences	
Semester 2	**15 credit hours**	
POSC 1000U	Political Science	
SOCI 1000U	Introductory Sociology	
SSCI 1010U	Intro to Canadian Legal System	
SSCI 1200U	Introduction to Social Policy	
Elective	Recommended ALSU 1101U Foundations for Academic Learning and Success should be taken as an 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 calendar at www.uoit.ca/calendar or for further clarification, please consult your academic advising team at SSHadvising@uoit.ca.

➢ The Legal Studies Bridge program consists of the following four courses in the Fall semester:

Program	Legal Studies Bridge
Course Code	Course Title
Semester 1	**12 credit hours**
LGLS 2100U	Public Law
LGLS 2200U	Legal Theory
LGLS 2940U	Legal Research Methods
SSCI 2900U	Research Methods

For further information regarding your bridge program and semester 2 course selections, please consult your academic advising team at SSHadvising@uoit.ca.