Effective September 2016, and with the exception of students who have transferred from another Faculty or School into the Faculty of Arts and Science, a maximum of 6.00 units from courses offered by other Faculties and Schools may be counted towards the Program and/or Plan requirements of any degree in the Faculty of Arts and Science. Policies related to courses in specific Faculties/Schools are listed below.

Smith Engineering (formerly Faculty of Engineering and Applied Science)

Faculty Office: Beamish Munro Hall, Room 300
Faculty Office Telephone: 613-533-2055
Website: http://calendar.engineering.queensu.ca
A limited number of Engineering courses are open to Arts and Science students. See the Academic Programs section (https://queensu-ca-public.courseleaf.com/arts-science/academic-programs/) for the regulations concerning the courses that may be counted towards a degree in Arts and Science.

Faculty of Health Sciences

Faculty Office: Botterell Hall, Room 563
Faculty Office E-Mail Address: bhsc@queensu.ca
Faculty Office Telephone: 613-533-2566
Website: https://bhsc.queensu.ca/
The following Health Sciences courses are open to Arts and Science students, subject to the limit stated above and in Academic Programs section (https://queensu-ca-public.courseleaf.com/arts-science/academic-programs/)

Biomedical and Molecular Science (BMED)

BMED 384 Integrative Laboratory Course  Units: 3.00
This course will be a two-week intensive multidisciplinary laboratory course conducted in-person on the Queen's University Campus. Students will participate in a variety of laboratories, including in the disciplines of physiology, pharmacology, anatomy, microbiology, and biochemistry. Students will learn a number of different laboratory techniques, developing skills in scientific methodology, data acquisition and interpretation. Students will also attain skills in critical thinking and hypothesis development, as well as gain experience in writing laboratory reports, anatomy bell-ringers, presenting their results in posters, debates and in oral presentations. Priority access to this course will be granted to students in the Bachelor of Health Sciences program.

Requirements: BMED384reqs >or= 3rd yr and ((PHGY210orPHGY214)or(PHGY215PHGY216)), and (PHAR230orPHAR270orPHAR340). EXC LISC 390 391.

Offering Faculty: Faculty of Health Sciences

BMED 390 Integrative Laboratory Course  Units: 3.00
This course will be a two-week intensive multidisciplinary laboratory course conducted in-person on the Queen's University Campus. Students will participate in a variety of laboratories, including in the disciplines of physiology, pharmacology, anatomy, microbiology, and biochemistry. Students will learn a number of different laboratory techniques, developing skills in scientific methodology, data acquisition and interpretation. Students will also attain skills in critical thinking and hypothesis development, as well as gain experience in writing laboratory reports, anatomy bell-ringers, presenting their results in posters, debates and in oral presentations.

Requirements: Minimum 3rd year (Level 3) standing and (one of PHGY 210/6.0 OR PHGY 214/6.0 OR [PHGY 215/3.0 and PHGY 216/3.0]), and (one of PHAR 230/3.0; PHAR 270/3.0; PHAR 370/3.0; PHAR 340/3.0), or permission from the instructor. Equivalency LISC 390/3.0

Offering Faculty: Faculty of Health Sciences
BMED 470 Principles of ‘Omics’ Units: 3.00
BMED 470 Principles of ‘Omics’ will build on information learned in BCHM 370 as well as explore the integration of genomics with other ‘omics’ such as transcriptomics, epigenomics, proteomics, and metabolomics data in the study of mechanisms controlling biological processes and disease risk. This course will cover technological advances in omics data collection, computer systems for management and processing, as well methods for the integrative analysis of large-scale omics data in biomedical research.
Requirements: Minimum 4th year (Level 4) standing and one of (BCHM 370/3.0; BIOL 331/3.0) or permission of the instructor.
Offering Faculty: Faculty of Health Sciences

BMED 480 Clinical Applications of Human Anatomy Units: 3.00
BMED 480 is a comprehensive course on regional anatomy of the human body covering the major organ systems, their components and the relationships between them. This course builds on fundamental knowledge of anatomy in order to apply it to clinical case-based scenarios. Students will apply anatomy and physiological knowledge gained in order to collaborate with peers to explore clinical problems, as well as develop their own realistic clinical case based problems on an underlying anatomical issue.
Requirements: BMED 480 Reqs >or=4th year and (PHGY 170 or BIOL 102), and (ANAT 270 or ANAT 215 or ANAT 216 or ANAT 315 or ANAT 316) or permission of the instructor.
Offering Faculty: Faculty of Health Sciences

Global and Population Health (GLPH)

GLPH 271 Global and Population Health Units: 3.00
In this course, the learning emphasis will be on global and population health, instead of the health of individuals. As a discipline, global and population health prioritizes partnerships and resource sharing, instead of unilateral relationships, as well as having an important focus on advocacy.
NOTE Also offered online.
Learning Hours: 114 (36 Online Activity, 78 Private Study)
Requirements: Minimum 2nd year (Level 2) standing or permission of the instructor.
Offering Faculty: Faculty of Health Sciences

GLPH 281 Racism and Health in Canada Units: 3.00
Students explore the impact of racism on the health of individuals and equity-deserving communities in Canada. A framework conceptualizing the social determinants of Indigenous Peoples' health, progressing from historical data to now are used. Reflection on biases, positionality, and skill development to support positive change are key components.
Learning Hours: 120 (36 Online Activity, 84 Private Study)
Requirements: Minimum 2nd year (Level 2) standing or permission of the instructor.
Offering Faculty: Faculty of Health Sciences

GLPH 385 Biohacking & Gerontechnology Units: 3.00
This course introduces and encourages the use of a global perspective to critically analyze technology developed to support/biohack human aging ranging from basic gerontechnologies that are currently in use to support older adults aging in place to cutting edge anti-aging technology.
NOTE: Also offered online
Learning Hours: 120 (72 Online Activity, 48 Private Study)
Requirements: Minimum 3rd year (Level 3) standing, or permission from the instructor.
Offering Faculty: Faculty of Health Sciences

GLPH 471 Advanced Global and Population Health Units: 3.00
Students will take knowledge gained from GLPH 271, and apply it in this course, which will focus on more advanced topics of population and global health, as well as provide experiential learning.
NOTE Also offered online. Consult the Bachelor of Health Sciences program office.
Requirements: Prerequisite Level 3 or above and (GLPH 271/3.0 or LISC 271/3.0).
Offering Faculty: Faculty of Health Sciences

GLPH 472 Special Populations: Neonatal to End-of-Life-Care Units: 3.00
In this online course, students will examine how variations in determinants of health can affect delivery of health care to special populations and shape health policy. Specific populations covered will include neonates, marginalized populations, those in intensive and end-of-life palliative care.
Requirements: Minimum 4th year (Level 4) standing and IDIS 373/3.0, or permission of instructor.
Offering Faculty: Faculty of Health Sciences
GLPH 482  Foundations of Humanitarian Health Emergencies  Units: 3.00
This course will develop skills and advance the application of knowledge to support those affected by humanitarian health emergencies, including natural and man-made disasters. For example, students will assess the critical role of multi-disciplinary collaboration, charitable donations, and volunteer activities within the humanitarian sphere.
NOTE Also offered online. Consult the Bachelor of Health Sciences program office.
Learning Hours: 120 (36 Group Learning, 36 Online Activity, 48 Private Study)
Requirements: Prerequisite Level 4 or above. Exclusion HLTH 351/3.0; HLTH 397/3.0 (Topic Title: Health in Humanitarian Crises).
Offering Faculty: Faculty of Health Sciences

GLPH 485  Global Application of Health Informatics  Units: 3.00
This fourth-year course will focus on the use of real electronic healthcare data. Students will learn about the history of data processing, the laws and regulations governing the use of healthcare data nationally and internationally, analysis techniques, and how health informatics systems can be used to drive and support health interventions.
Learning Hours: 120 (60 Online Activity, 60 Private Study)
Requirements: Min 4th Year Standing and one of (HSCI 190/3.0; STAM 200/3.0; BIOL 243/3.0; GPHY 247/3.0; KNPE 251/3.0; NURS 323/3.0; POLS 385/3.0; PSYC 202/3.0; STAT 263/3.0). Note: priority will be given to students registered in the Bachelor of Health Sciences program.
Offering Faculty: Faculty of Health Sciences

GLPH 487  One World, One Health: The Global Link Between Human, Animal, and Environmental Health  Units: 3.00
This course uses a socio-cultural lens to examine this multi-disciplinary field focusing on the intersection of human, animal and environmental health - locally and globally. Assessments involve the analysis of history, health policy and research frameworks, incorporating risk factors and diseases.
NOTE Also offered online. Consult the Bachelor of Health Sciences program office.
Learning Hours: 120 (36 Group Learning, 36 Online Activity, 48 Private Study)
Requirements: Prerequisite Level 4 or above.
Offering Faculty: Faculty of Health Sciences

GLPH 488  Global Oncology: Cancer Care, Policy, Research, and Education  Units: 3.00
GLPH 488 will focus on the challenges and opportunities of cancer care, education, research, and policy, especially in resource-limited settings. Students will integrate their learning in a research paper based on how cancer policy is at the intersection of all facets of cancer care, ultimately making a difference in outcomes of patients with cancer.
NOTE Also offered online. Consult the Bachelor of Health Sciences program office.
Learning Hours: 120 (24 Lecture, 36 Group Learning, 60 Private Study)
Requirements: Prerequisite Level 4 or above.
Offering Faculty: Faculty of Health Sciences

GLPH 493  Global Health Practice  Units: 3.00
This course will strengthen students’ abilities to respond to a community’s health needs through a practical service learning position with an approved local or international community health organization. Students will apply a reflective approach to community engagement in global health and consider the relationship between global health practice.
NOTE Registration must occur by permission through the Bachelor of Health Sciences Office.
132(60Pc;36O;36P)
Requirements: Minimum 4th year (Level 4) standing and GLPH 271/3.0.
Offering Faculty: Faculty of Health Sciences

Health Sciences Research (HSCI)

HSCI 270  Fundamentals of Health Research Methodology  Units: 3.00
HSCI 270, Fundamentals of Health Research Methodology will introduce fundamentals of health-related research methods with a focus on developing critical reasoning skills. Using examples from a wide range of health-related research topics, students will gain familiarity and skills to assess primary literature at a basic level. Throughout the course, students will assess various aspects of both qualitative and quantitative research such as research questions, study rationales, study design, replicability/trustworthiness of research reports, and ethics for research involving human subjects.
Note: Also offered online
Note: Learning Hours may vary
Requirements: Minimum 2nd year (Level 2) standing and one of (HSCI 190; STAT 263; BIOL 243; STAM 200; CHEE 209; ECON 250; GPHY 247; KNPE 251; NURS 323; POLS 385; PSYC 202; SOCY 211; STAT 267; STAT 367; COMM 162). Exclusion SOCY 210; GPHY 240; HLTH 252; PSYC 203; EPID 301; HLTH 323
Offering Faculty: Faculty of Health Sciences
HSCI 383  Advanced Research Methodologies  Units: 3.00
Students will have the opportunity to develop and apply a mixed methods design for research. The course instruction will assist students as they navigate processes of literature review, question development, experimental design, proposed approaches to data analyses (both quantitative and qualitative) and proposed methods of knowledge mobilization.

Requirements: Minimum 3rd year (Level 3) standing and one of (HSCI 270/3.0; BMED 270/3.0; EPID 301/3.0; HLTH 252/3.0; PSYC 203/3.0; SOCY 210/3.0) or permission of the Instructor.

Offering Faculty: Faculty of Health Sciences

HSCI 483  Applied Qualitative Methods for Health Research  Units: 3.00
In this course students will explore multiple qualitative methodologies and methods used to collect and analyze non-numeric behaviours, experiences, and perspectives. This course provides an opportunity to enhance and apply qualitative research skills. Students will design and initiate a qualitative research project on a topical health issue.

NOTE Also offered online. Consult the Bachelor of Health Sciences program office.

Learning Hours: 120 (24 Group Learning, 48 Online Activity, 48 Private Study)

Requirements: Prerequisite Level 3 or above and HSCI 383/3.0.

Offering Faculty: Faculty of Health Sciences

Law Studies (LAW)

LAW 201  Introduction to Canadian Law  Units: 3.00
Introduction to Canadian Law is designed for students from all disciplines, all ages, and all walks of life. The course provides students with an introduction to the Canadian legal and judicial systems. You'll learn where our laws come from, how Quebec and the rest of Canada operate under different legal systems, and how our government and courts are structured. You'll get to know the role of lawyers and judges in our society, and how legal ethics determine what they can and cannot do. You'll get brief -- but thorough -- introductions to the "greatest hits" of Canadian law: the Charter of Rights and the Constitution Act, 1867; Criminal Law; Torts; Contracts; Property Law; Business Law; Intellectual Property; International Law; and Workplace Law.

Requirements: LAW 2## Exclusions

Course Equivalencies: LAW201; LAW201B

Offering Faculty: Faculty of Law

LAW 202  Aboriginal Law  Units: 3.00
"Reconciliation between the Canadian state and the Aboriginal peoples of Canada is a central concern of Canadian law in the 21st century, one that reaches into every sector of Canadian society. Resource development, environmental regulation, the criminal justice system, constitutional politics, international relations, intellectual property rights, social welfare policy, cultural development, health care services, education, and language policy are only some of the areas where an understanding of the law relating to Aboriginal peoples has become an urgent necessity. This course will introduce students to the historical, social and political forces at play in developing the legal framework surrounding the relationship between the Canadian state and the Aboriginal peoples of Canada, and discuss new developments that are reshaping the legal landscape. These forces include increased recognition of Aboriginal rights to land, the duty to consult, the United Nations Declaration on the Rights of Indigenous Peoples, the Truth and Reconciliation Commission, and the national inquiry into missing and murdered Indigenous women and girls."

Requirements: LAW 2## Exclusions

Offering Faculty: Faculty of Law
LAW 203 Workplace Law Units: 3.00
For most Canadians, the laws that govern work relations are a critical determinant of income, satisfaction, fairness, safety, and ultimately, fulfillment. In Workplace Law, you will learn about the various legal regimes that regulate work relations: the common law regime; the regulatory regime which includes employment standards, health and safety rules, and human rights; and the collective bargaining regime that applies to unionized workplaces. Get to know one of the fastest-evolving and active areas in law: change is the only constant as workplaces are affected by economic, historical, political and global forces.
You will finish this course with an understanding of the legal and social issues at play in the laws that apply to work.
Requirements: LAW 2## Exclusions
Offering Faculty: Faculty of Law

LAW 204 Corporate Law Units: 3.00
Corporate Law is intended to give students an introduction to corporate law, with a primary focus on the creation, structure and animus of the corporation. As we move to a highly fluid, dynamic, global and entrepreneurial business environment, many students will be seeking opportunities to start or participate in new ventures, and the proposed course will be an invaluable addition to the knowledge they will need to be successful. The course will provide students with an understanding of business associations, securities regulation and banking, as well as examining sources of business regulation.
Requirements: LAW 2## Exclusions
Offering Faculty: Faculty of Law

LAW 205 Public & Constitutional Law Units: 3.00
Public & Constitutional Law provides an overview of general principles of public law, focusing on the institutions and organs of government, the sources and nature of the legal rules that create them, and the limits on their powers. The course also introduces the essential elements of the Canadian legal system, such as democracy, the rule of law, constitutional supremacy, parliamentary sovereignty, judicial independence and federalism. The course will cover the rights enshrined in the Canadian Charter of Rights and Freedoms, as well as those aboriginal and treaty rights guaranteed by s. 35 of the Constitution Act, 1982.
Requirements: LAW 2## Exclusions
Offering Faculty: Faculty of Law

LAW 206 Intellectual Property Units: 3.00
This course offers a general overview of Intellectual Property law in Canada, from a practical perspective. It explores trade secrets and patentable inventions, how to recognize and protect trademarks, when copyright applies and when it’s infringed, and reviews typical license terms. Students will learn the forms of intellectual property protection available, and why it’s important to their future careers and/or business ventures.
Requirements: LAW 2## Exclusions
Offering Faculty: Faculty of Law

LAW 207 International Law Units: 3.00
Students will learn the fundamentals of public International Law and the international legal order. Topics to be covered include the United Nations, treaties, sovereign immunity, the law of war, international criminal law, and international human rights law. Students will discuss international legal issues of contemporary and timeless significance.
Requirements: LAW 2## Exclusions
Offering Faculty: Faculty of Law

School of Nursing
Nursing Office: Cataracaui Building, 92 Barrie Street
Nursing Telephone: 613-533-2668
Website: https://nursing.queensu.ca/undergraduate
The following Nursing courses are open to Arts and Science students, subject to the limit stated above and in Academic Programs section (https://queensu-ca-public.courseleaf.com/arts-science/academic-programs/) 7.b. For a complete description, see the School of Nursing (https://queensu-ca-public.courseleaf.com/nursing/) section of this Calendar.

Nursing (NURS)
NURS 100 Nutrition and Health Units: 3.00
This course is about nutrition as a determinant of health through the study of nutrient metabolism, nutrition throughout the life span, nutrition behaviour, and nutritional considerations for select health conditions. Students will learn about the role of nutrition in promoting health within the context of their professional discipline. A required course for students of nursing science and relevant for students in life science and other health professions. 3 hour lecture per week. Recommended 12U Chemistry or Biology, or by permission of the instructor.
Requirements: in BNSc and Exclusion: HLTH 230
Course Equivalencies: HSCI230; NURS100
Offering Faculty: Faculty of Health Sciences
NURS 323  Introduction to Statistics  Units: 3.00
An introduction to the analysis of data from real life situations. The course covers sampling methods, descriptive and inferential statistics. Topics include probability, t-tests, regression, Chi-square tests, analysis of variance, and study design. Emphasis is placed on the foundation of statistical inference and the practical application of statistical methods using statistical software. 1 hour lecture and 1.5 hour tutorial per week.
Requirements: BNSC Program Exclusions: BIOL 243; CHEE 209; COMM 162; ECON 250; GPHY 247; KNPE 251; NURS 323; POLS 285 (formerly POLS 385); PSYC 202; SOCY 211; STAM 200; STAT 252; STAT 263; STAT 367
Offering Faculty: Faculty of Health Sciences

NURS 324  Research in Nursing  Units: 3.00
This course is about the basic principles and processes of conducting nursing research, and how to practice using an evidence-informed approach. The student will learn how to identify researchable problems, how to search for evidence, and how to critique and make decisions about the quality and applicability of published research, as well as how to design and implement a research study. The student will acquire the knowledge necessary to critically use research in clinical practice and for beginning participation as a junior member of a nursing research study. 3 hour lecture per week.
Requirements: Exclusions: HLTH252. Registration in BNSC
Offering Faculty: Faculty of Health Sciences

NURS 346  Professional Nursing  Units: 3.00
This course addresses the emergence of nursing as a profession, the growth of professional nursing within two contexts, Great Britain and Canada, and current issues in the delivery of nursing services from a global perspective. 6 hours a week Spring term or 3 hours a week Fall term.
Requirements: BNSC students only
Offering Faculty: Faculty of Health Sciences

NURS 425  Managing for Success  Units: 3.00
This course focuses on three key skills that a successful manager possesses; an understanding of financial management, negotiation and influence. In the three components of the course learners will examine, among other things, basic ideas of finance and accounting and how health care is funded in various jurisdictions; styles of negotiation and bargaining for an agreement; how people are influenced and how to exert influence to achieve personal and organizational goals. 3 hour lecture per week.
Requirements: BNSC and >= 4th year
Offering Faculty: Faculty of Health Sciences

Smith School of Business
Commerce Office: Goodes Hall, Room 130
Commerce Telephone: 613-533-2301

Website: https://smith.queensu.ca/academic_programs/undergraduate.php
Students may take any COMM course numbered below 600, subject to the limit stated above and in Academic Programs section (https://queensu-ca-public.courseleaf.com/arts-science/academic-programs/) 7.d. First-year Arts and Science students are not permitted to enrol in commerce courses for the Fall or Winter Terms during the summer class selection period. While no first-year student will be permitted to add a Fall Term Commerce course, adding a Winter Term course will be permitted on an individual basis during the open enrolment period.

While any COMM course may be counted as part of the 6.0 units allowed, the following Commerce courses are typically open to Arts and Science students. Note that this is not an exhaustive list, as many 300- and 400-level COMM courses may also be taken. Students must meet the prerequisites (or their equivalents) in order to enrol in all commerce courses.

For a complete description, see the Commerce Program Web Calendar at https://smith.queensu.ca/bcom/the_program/curriculum/all_courses.php.

Commerce (COMM)
COMM 200  Business Fundamentals  Units: 3.00
This course will develop an appreciation of the role of the manager and business in society. It will discuss Canadian and global trends and issues - political, economic, technological, and ethical - that affect business and management. The course will introduce the student to the nature of the modern corporate enterprise, large and small, and begin the building of business analysis skills.
Requirements: This course is restricted to students enrolled in the 2nd yr or greater of their program, excludes Commerce/CIB. EXCLUSION: No more than one course from COMM 101 or COMM 200/600 or COMM 201/601. No more than 6.0 units from any COMM 200-level course.
Course Equivalencies: COMM103/200/600
Offering Faculty: School of Business
COMM 201 Introduction to Business for Entrepreneurs Units: 3.00
This course introduces students to the language of business, as well as the main functional areas of business, and demonstrates how these areas interact to produce and market products and/or services in an economically viable manner. An emphasis is placed on both strategic and tactical development and execution in entrepreneurial contexts. The course also assists students in developing an understanding of the nature of the modern entrepreneurial enterprise in Canadian and international contexts, and of the tasks, practices, and responsibilities of its leaders. Of particular importance is the use of a capstone simulation - like the Capsim Strategy Simulation, but one geared towards entrepreneurial ventures - whose focus lies in the development and application of fundamental strategic management skills and financial analysis interpretation for decision-making purposes. The approach of the course is to challenge students to strive to develop a base-level competency in business principles which they can effectively transfer to their future entrepreneurial venture.
Requirements: This course is restricted to students enrolled in the 2nd yr or greater of their program, excludes Commerce/CIB. EXCLUSION: No more than one course from COMM 101 or COMM 200/600 or COMM 201/601. No more than 6.0 units from any COMM 200-level course.
Offering Faculty: School of Business

COMM 212 Management Accounting Units: 3.00
An examination of the internal accounting model and related information systems designed to keep the manager informed for the purposes of planning and controlling the organization's operations.
Requirements: This course is restricted to students enrolled in the 2nd yr or greater of their program, excludes Commerce/CIB. PREREQUISITE: COMM 111/211 EXCLUSIONS: No more than one from COMM 212/612 or EMPR 280 No more than 6.0 units from any COMM 200-level course.
Course Equivalencies: COMM112/212/612
Offering Faculty: School of Business

COMM 211 Financial Accounting Units: 3.00
As the initial course in accounting, this course provides a foundation of accounting knowledge necessary to the fuller appreciation of many aspects of business. The structure of the process of accounting is studied, with particular emphasis on the use, interpretation, and communication of financial information.
Requirements: This course is restricted to students enrolled in the 2nd yr or greater of their program, excludes Commerce/CIB. EXCLUSIONS: No more than one course from COMM 211 or COMM 611 or EMPR 280 No more than 6.0 units from any COMM 200-level course.
Course Equivalencies: COMM111/211/611
Offering Faculty: School of Business

COMM 231 Fundamentals of Marketing Units: 3.00
This course provides students with a knowledge of the concepts of marketing as well as an understanding of how these concepts are applied in the management of the firm. Specifically, the objectives are: to provide a working knowledge of the basic theories and concepts in marketing; to develop decision making skills and abilities and to gain experience in developing marketing strategies and plans. The course is taught using a combination of lectures, discussions, case analyses, student presentations, and exams.
Requirements: This course is restricted to students enrolled in the 2nd yr or greater of their program, excludes Commerce/CIB. EXCLUSIONS: No more than one course from COMM 231 or COMM 631 No more than 6.0 units from any COMM 200-level course.
Course Equivalencies: COMM131/231/631
Offering Faculty: School of Business
COMM 251 Organizational Behaviour  Units: 3.00
This course introduces students to the study of human
behaviour in organizations. The purpose is to provide
a coherent account of the causes and consequences of
organizational behaviour. Lectures, discussions, cases
and exercises will be used to broaden the students'
understanding of working environments. Whenever possible,
students' own employment experiences will be drawn upon
as a basis for understanding the concepts discussed.
Requirements: This course is restricted to students
enrolled in the 2nd yr or greater of their program, excludes
Commerce/CIB. EXCLUSIONS: No more than one course from
COMM 251 or COMM 651 or EMPR 270 No more than 6.0
units from any COMM 200-level course.
Course Equivalencies: COMM151/251/651
Offering Faculty: School of Business