

DEGREE TO DEGREE TRANSFER PROJECT

Phase I Final Report



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Executive Summary

Phase I of the Degree to Degree Transfer Project involved the forming of a Steering Committee, composed of representatives from eight Ontario universities, and a total of five working groups. Four of the groups were discipline-specific (Biology, Economics, English, and History), each focused on a subject area that was both high-volume and likely to be offered as an undergraduate degree at most Ontario universities. The fifth working group, which was not discipline based, examined the breadth and distribution requirements for various bachelor's degrees and acted as a counter point to the discipline-specific groups. While the latter examined how core courses transfer in specific program areas, the breadth and distribution requirements group focused on how non-program-related credits are handled during the transfer process. The overall goals of Phase I were to gather people together and foster discussion in order to take the pulse of the transfer landscape in Ontario in specific areas: to look at the course transfer data and procedures as they currently stand, and, if possible, to generate new information to expand the data set and increase opportunities for students. In this last endeavour the groups exceeded expectations, contributing a significant number of new course equivalencies across four discipline areas. Phase I has also established a workable methodology that can be used by further groups in future phases of the Degree to Degree Transfer Project.

Each of the discipline-specific groups began with a Discovery Phase in which members worked collaboratively to compare the program requirements and course descriptions of core courses for their discipline year by year, with particular emphasis on the first and second years of the bachelor's degree. The work culminated in the creation of a Comparative Course Grid for each discipline (available in the Interim Report). The next step was to collate and analyze the course equivalency data for key Year 1 & 2 program courses to see how courses are currently being accepted for transfer in each discipline (direct course equivalency, generic subject-specific credit, or unspecified elective credit). A secondary goal was to cross-check the data housed at the institutional level with the course equivalencies represented on the ONTransfer.ca database. Where information existed in both places, there was a high level of agreement in the course equivalency data between the institutional information and the data on ONTransfer.ca.

Across all four disciplines, there were virtually no courses found to receive no transfer credit at all for past work—which was expected given the Pan-Canadian Protocol on the Transferability of University Credits—although the kind of credit students received varied. A difference was observed between the way transfer occurs in the science and social science disciplines (Biology and Economics) versus the humanities (English and History). The Biology and Economics major programs, especially in the first two years, were found to be remarkably comparable across the institutions in the groups. As a result, transfer of credits in the first two years is fairly straightforward and results in the transfer student typically receiving specific transfer credit (i.e. direct course equivalents) for their previously completed coursework. A good number of equivalencies for both BIOL and ECON already existed before this project, especially for first year courses. On the other hand, due to the nature of the disciplines, the structure of the major programs in English and History tends to vary across institutions. In these disciplines transfer students are much more likely to receive a generic subject-specific credit (e.g., ENGL 2XX) rather than a direct equivalency for previously completed coursework.

Some new credit-specific equivalencies were established through this process. Specifically, the analysis highlighted that there are a significant number of equivalencies that exist at institutions that do not currently appear in the ONTransfer.ca database. Further discussion revealed that, in some cases, there is a disconnect between equivalency data held at the department level and the data that gets uploaded by the institution to ONTransfer.ca. This observation highlights the need for further collaboration between the individual departments, the Registrar's Offices, and ONCAT in order to increase awareness of how information concerning previous evaluations of external courses is stored at the institutional level and who is responsible for maintaining this data and communicating it to ONTransfer.ca.

Phase I of the Degree to Degree Transfer Project has made a number of important accomplishments. First and foremost it has established a methodology that works for i) comparing subject-specific programs across institutions, ii) evaluating existing course equivalency data, and iii) generating new course assessments to make the database of transfer information that much more robust. This process could readily be used for other discipline groups in future, should the Degree to Degree project be expanded into other subject areas. The work of the participants created a significant number of new course equivalencies to contribute to the overall data set, both at the institutional and pan-Ontario level. In fact, the work of this phase of the project generated a total of more than 575 new pieces of information that will be added to the ONTransfer.ca database.

Phase I of the Degree to Degree Transfer Project has accomplished a proof of concept: multi-institutional, discipline-specific groups can meaningfully compare their programs, note important differences or specialties, and discuss how these aspects affect transferability in their discipline. Course equivalency and transfer data can not only be assessed but augmented, thus improving the robustness of information available to students and advisors. What has been established here are the seeds of possible future province-wide “articulation committees” that could meet regularly to examine curricula, discuss emerging trends in the field, and ultimately improve student mobility in the discipline across Ontario.

Degree to Degree Transfer Project Phase I Final Report

June, 2015

I—Rationale for the Degree to Degree Transfer Project

The Ministry of Training, Colleges and Universities has identified increasing the number of degree to degree transfer opportunities for Ontario students as one of three high priorities in the area of credit transfer and student mobility. Per our strategic goals, the Ontario Council on Articulation and Transfer (ONCAT) has developed a plan to address this key priority and has established the Degree to Degree Transfer Steering Committee.

Given the data supplied to ONCAT by Ontario's postsecondary institutions, we know that there is a significant amount of credit transfer already occurring among Ontario universities. In fact, about 20 per cent of total transfer in the province, which represents approximately 5,000 students, occurs at the degree to degree level. The most popular fields are business, engineering, health and social sciences, and the humanities. It is hoped that the Degree to Degree Transfer Project will be able to a) report on what is currently transferring in key disciplines (especially in the first two years) in Ontario universities and b) identify and suggest strategies for working to eliminate any impediments to student mobility.

Phase I of the project, the findings of which are contained in this report, involved forming a total of five working groups, four subject-specific groups and one non-discipline based group. The overall goals of this phase were to gather people together and foster discussion in order to take the pulse of the transfer landscape in Ontario in specific areas: to look at the course transfer data and procedures as they currently stand, and, if possible, to generate new information to expand the data set and increase opportunities for students. In this last endeavour the groups exceeded expectations, contributing a significant number of new course equivalencies across four discipline areas. Phase I has also established a workable methodology that can be used by further groups in future phases of the Degree to Degree Transfer Project.

II—Steering Committee Composition and Activities through June, 2015

The Degree to Degree Transfer Steering Committee is composed of members from eight Ontario universities, including Brock University, Carleton University, University of Guelph, Laurentian University, OCAD University, Queen’s University, University of Waterloo, and York University. The Steering Committee participants are as follows.

University	Steering Committee Participants
Brock University	Gregory Finn, Vice-Provost and AVP Academic; Barb Davis, Registrar
Carleton University	Peter Ricketts, Provost and VP; Suzanne Blanchard, Associate VP Students
University of Guelph	Brian Pettigrew, Assistant VP and Registrar; Deanna McQuarrie, Associate Registrar
Laurentian University	Serge Demers, Assistant VP Students
OCAD University	Christine Bovis-Cnossen, VP Academic
Queen’s University	Jill Scott, Provost and VP Academic; Hugh Horton, Associate Dean, Arts & Science
University of Waterloo	Mario Coniglio, Associate VP Academic; Andre Jardin, Associate Registrar
York University	Julie Parna, Director, Strategic Academic Initiatives

The Steering Committee met three times in 2014, on March 24, May 28, and August 27. At the introductory meeting on March 24, 2014, ONCAT began by presenting the background and context to the Degree to Degree Transfer Project. The Committee then agreed on the Terms of Reference (see Appendix A). ONCAT presented an overview of a project jointly undertaken by the postsecondary sector in British Columbia and BCCAT known as the Flexible Pre-Major (FPM) Project, and the Committee discussed how the approach used in that initiative could be used as a model for the Degree to Degree Transfer Project. The Committee agreed that the initial Analysis Phase of the FPM Project could be modified and used as a basis for the work of the proposed discipline-specific sub-groups of the Degree to Degree Transfer Project (see Appendix B).

The Steering Committee met again in May, 2015 to hear and discuss the work of the sub-groups during the Winter 2015 term. This Final Report will be presented to the Steering Committee in June 2015, at which point the Steering Committee will advise ONCAT on the logical next steps for the project, which could include i) expanding the existing discipline sub-groups to include more institutions, ii) extending the project to include more discipline (new groups would follow the methodology already piloted by the four current sub-groups), and iii) examining the idea of establishing an Ontario-appropriate version of what are known in some other jurisdictions as Articulation Committees (groups of discipline experts who meet periodically to discuss curriculum changes and trends in their field and how this affects student mobility).

III—Discipline-Specific Sub-Groups: Work and Findings

The Steering Committee selected four disciplines the sub-groups would focus: Biology, Economics, English, and History. The sub-group participants are listed by discipline and institution in the table below.

Discipline Sub-Groups: Participants by Group and Institution

Discipline Group	Participants by Institution					
English	Brock	Carleton	Guelph	Queen's	Waterloo	York
	James Allard Neta Gordon (alternate)	Richard Mann (term 1) Sukeshi Kamra (term 2); with assistance from Janice O'Farrell	Sofie Lachapelle with assistance from Anna Plugatyr	John Pierce	Jay Dolmage	Julie Parna; with assistance from Andrew Wilson (term 2)
History	Carleton	Guelph	Queen's	Waterloo	York	
	Richard Mann (term 1) Sukeshi Kamra (term 2) ; with assistance from Janice O'Farrell	Ann Wilson with assistance from Anna Plugatyr	James Carson	Julia Roberts	Julie Parna; with assistance from Andrew Wilson (term 2)	
Economics	Brock	Carleton	Laurentian	Queen's	York	
	Felice Martinello	Andre Plourde	Serge Demers	Allan Gregory (term 1) Ian Keay and Jennine Ball (term 2)	Julie Parna; with assistance from Andrew Wilson (term 2)	
Biology	Carleton	Guelph	Laurentian	York		
	Nathalie Chaly	Brian Husband (terms 1 & 2) Heather Pollock (term 2)	Serge Demers	Paula Wilson Julie Parna		

Summary of Work Completed by Discipline Sub-Groups in Term 1 (Fall 2014)

The following summary is taken from the Interim Report of December 2014. For full details of the work completed during this time period, please refer to the Interim Report directly.

Each of the discipline-specific groups (Biology, Economics, English, History) began with a Discovery Phase in which members worked collaboratively to compare and contrast the program requirements and course descriptions of core courses for their discipline year by year, with particular emphasis on the first and second years of the bachelor's degree. The main product of this discussion was the creation of a Comparative Course Grid for each discipline. The grids (available in the Interim Report) attempt to outline in simple terms all these aspects of the four-year major program leading to a bachelor's in the specific discipline.

In general, the discipline groups all noted the overall similarity of the programs across institutions, which was particularly evident in the first and second years and most pronounced in the first year core requirements. It should be noted that these observations are based only on short course descriptions and some discussion of course contents. Unsurprisingly, divergence and specialization options for students became more pronounced at the upper-year levels. In terms of student mobility and transfer,

the groups noted that the most important factor is the make-up and transferability of required courses in the first two years, as these courses provide a foundation in the discipline and act as prerequisites for courses in Years 3 & 4.

The groups all remarked that student transfer in the upper years of study can be challenging. Third and fourth year courses are usually more focused and may also be more locally specialized, due, for example, to faculty expertise and interests. For some upper-year courses, it may be that there are no exact equivalents from one institution to another. Nevertheless, sub-group participants emphasized that it is their belief that wherever possible some credit will be granted, although it may be in the form of a generic subject credit or an elective credit. Upper-year transfer students must also meet the receiving institution's residency requirements in order to obtain their degree at the new institution.

At the end of Term 1, the sub-groups agreed that the next goal was to determine which courses are currently being accepted for transfer in each discipline. Each group members consulted their institutional department and/or admissions office to determine how transfer students' credits are assessed and whether a record or database of transfer decisions is available. Participants gathered all available information about a) which of the other institutions' core Year 1 & 2 courses in the discipline are currently being accepted for transfer credit and b) what kind of credit is being granted (direct course equivalency, generic subject-specific credit, or unspecified elective credit). In preparation for the meetings planned for the second term (Winter 2015), the Project Lead gathered all this institutional data together and compiled spreadsheets that compared the information with the data currently available on the ONTransfer.ca Course to Course Transfer Guide and shared them with all sub-group members.

Work Completed by Discipline Sub-Groups in Term 2 (Winter 2015)

The discipline-specific sub-groups met during March, 2015 to examine the course equivalency data that had been gathered from institutions, departments, and from ONTransfer.ca. The following questions helped focus the discussion at each of the meetings.

A—The Data

- What equivalencies currently exist in the key Year 1 & 2 courses in the discipline?
- How often are direct equivalencies granted versus generic subject-specific or unspecified elective credit?
- Where could new course equivalencies potentially be created for courses that have not previously been assessed across all institutions?
- Are there any discrepancies between institutional data and ONTransfer data (recalling that the ONTransfer data does ultimately come from the institutions)?
- Are there any courses that receive no transfer credit? If so, why?

B—Institutional Practices Regarding Equivalencies

- How does each institution determine equivalencies/evaluate outside courses? What steps and people are involved in the decision making process?

C—Broader Questions & Next Steps

What does the course equivalency data tell us about the current "ease of transfer" in this subject area?

How could our observations about the transferability of core courses be generalized to increase the number of course equivalencies in this subject area across all Ontario universities that offer degrees in this field?

What work can the group commit to doing to help fill in gaps in information where key courses have not yet been assessed across all institutions?

General Comments Regarding the Course Equivalency Data

There was a high level of agreement in the course equivalency data. That is, where data was supplied by both the department/institution and was available on the ONTransfer.ca database, there was nearly a 100% match in the course equivalency information. There were virtually no courses that were found to receive no transfer credit at all for past work; students might receive a direct equivalency; a subject-specific elective; or a general, unspecified elective credit (the last option, unspecified elective credit, being the rarest).

Some new equivalencies were established through this process. Specifically, the analysis highlighted that there are a significant number of equivalencies that exist at institutions that did not appear in the ONTransfer database (i.e., this is new information for ONTransfer.ca). Further discussion revealed that, in some cases, there is a disconnect between equivalency data held at the department level and the data that gets uploaded by the institution to ONTransfer.ca. In some cases, group participants were unaware of how information concerning previous evaluations of outside courses is stored at the institutional level and how or who is responsible for maintaining this data and communicating it to ONTransfer.ca.

A number of factors were found to have an effect on the distribution of data across institutions. For example, geography seems to play a role. As an illustration of this, it was noted that a higher proportion of courses at one institution had not been evaluated by several others. This can likely be explained by the geographical factor: course equivalency data can be lacking simply because other institutions have not yet had a student transfer in with those credits, and therefore certain those courses had never needed to be evaluated. Another factor influencing the data is the effect of Program Renewal. If a program at one institution has recently undergone a major change, this may mean that a) other institutions have not yet had a chance to evaluate the new courses and b) other institutions' courses have not been re-evaluated against the department's recently renewed curriculum.

Institutional Practices for Determining Equivalencies and Transfer Credit

The process by which a student's transcript of previously completed is evaluated for transfer credit was fairly uniform over the institutions represented in the sub-groups. In most cases, when a transfer student's application comes in, it is first assessed by the Admissions or Registrar's office. At institutions that have a dedicated Transfer Office (e.g., Waterloo, York), previously completed courses are checked against a central database to see whether an equivalent already exists. For courses that have not been previously assessed, the evaluations are typically handled at the departmental level, often by the Undergraduate Chair or Coordinator. Normally, only a course description is required for the evaluation; however, in some cases more information about the course (and any associated lab or tutorial components) may also be needed to properly assess it for transfer credit/equivalency purposes. This additional information is often provided in a course outline or syllabus. Consensus seemed to be that the primary reason for requiring more information beyond the course description is to ensure that the outside course taken has properly prepared the transfer student for upper year courses for which the transfer credit may be a prerequisite, thus maximizing the student's chance of success at the receiving institution.

The Data: Existing and Newly Created Course Equivalencies

The course equivalency data collected, analyzed, and newly generated in Phase I of the project is appended below (Appendix C), with one spreadsheet for each of the four discipline sub-groups: Biology

(BIOL), Economics (ECON), English (ENGL), and History (HIST). The data is presented in the following way. For each discipline, the participating universities are arranged alphabetically. For each institution, core courses and key electives are listed for Year 1, followed by Year 2 below. To the right of each course title, columns appear for each of the other universities in the group with two pieces of information: the equivalency for the course (if any) *according to the university department* and the equivalency (if any) *according to the data in the ONTransfer.ca database*.

Certain pieces of information are highlighted in the spreadsheets. Cases where information provided by the group members on behalf of their department differs from the data on ONTransfer.ca are highlighted in yellow. Fortunately, as mentioned above, these occurrences are fairly infrequent and may represent either a data entry error or a case of the evaluation being outdated and in need of renewal. Situations where equivalencies provided by group members had no corresponding data in the ONTransfer.ca database are highlighted in blue. These data represent new information to ONTransfer.ca and arrangements are being made to have this data uploaded to ONTransfer.ca by the person at the institution responsible for handling such updates in course equivalencies and transfer pathways.

After analyzing the existing information represented by departmental equivalency data (and comparing that with the information available on ONTransfer.ca), the members of the four discipline-specific sub-groups committed to generating new equivalencies for any previously unassessed core Year 1 & 2 courses across all institutions in the group. In the case of English and History, where there are fewer specific core courses and more choice given to students as to which ENGL or HIST courses to take, the groups agreed to assess some key Year 1 & 2 electives as well. The electives were chosen based on which courses the group agreed were popular and most likely to be available across all institutions (e.g., Children's Literature or Canadian History). Participants shared course descriptions and additional information as requested (e.g., syllabi) with the other group members via secure, group-specific sites hosted on ONCAT's new Resource Centre. New equivalency and course assessment data was generated by the group members and submitted to the Project Lead between March and May, 2015. Please note that some course evaluations are either still ongoing, were not possible at this time, or could not be made without further information; in such cases, a note was made in the equivalency spreadsheets.

All newly generated course equivalencies are highlighted in purple. This information is also new to ONTransfer.ca and arrangements are being made to upload it to the ONTransfer.ca database. The table below shows a summary of the number of course equivalencies that existed at institutions but had not yet been uploaded to the ONTransfer.ca database ("New to ONTransfer.ca") as well as the number of completely new equivalencies generated by the work of this project. For further detail on observations made during the analysis and comparison of the course equivalency data, see the two sub-sections immediately following the table.

New Course Equivalency Data Collected and Generated by Sub-Group

Sub-Group Discipline	Number of Data New to ONTransfer.ca*	Number of New Equivalencies Generated
Biology	37	94
Economics	46	50
English	102	200
History	34	231
TOTAL	219	575

*Note: The number of newly established equivalencies is actually greater than shown here, as this number is only for the core Year 1 & 2 courses and key electives chosen by the groups (in the case of ENGL and HIST).

Discipline-Specific Comments: Biology and Economics Sub-Groups

The group discussions and analysis of the course equivalency data allow some generalized observations to be made about the current “ease of transfer” in the discipline areas examined. The Biology and Economics major programs, especially in the first two years, were found to be remarkably comparable across the institutions in the groups. As a result, transfer of credits in the first two years is fairly straightforward and results in the transfer student typically receiving specific transfer credit (i.e. direct course equivalents, as opposed to discipline-specific or unspecified elective credit) for their previously completed coursework. A good number of equivalencies for both BIOL and ECON already existed before this project, especially for first year courses.

However, there are also a few minor challenges to the determination of course equivalencies that should be mentioned. Both the Biology and Economics programs have core courses offered outside their departments (e.g., MATH/STAT, CHEM, PHYS). Therefore, it was harder to obtain the necessary information on existing equivalencies (or to generate new ones) because it meant involving people from multiple departments outside of the group participants. In the case of Biology, it is important to note that some institutions offer a number of different forms of degrees related to this discipline, such as life sciences, biomedical biology, cell biology, ecology, etc. Each of these would have different program requirements, which could complicate the transfer picture if a student was switching from one area of biological study to another. With Economics, one difference among institutions is that not all require Calculus in the first year of the program. This could affect admissibility or the number of credits that can be transferred in that the receiving institution would have to assure itself that the transfer student who did not take Calculus was properly prepared for the receiving institution’s program (if it does require Calculus).

Discipline-Specific Comments: English and History Sub-Groups

Due to the nature of the disciplines, the structure of the major programs in English and History tends to vary across institutions. Some institutions have required core courses in years 1 and 2, while others allow students to choose from a variety of subject-specific electives, only specifying how many ENGL or HIST credits must be completed at each level. Some equivalencies already existed prior to this project, with more for the first-year than the second-year courses. Some institutions in the group had already evaluated many of the courses listed in the spreadsheet, while others had evaluated very few. This is likely due to some institutions never having received a transfer student bearing these specific courses and, therefore, never having had the occasion to assess the courses for transfer purposes.

In the case of the English and History, a few observations can be made regarding the kind of transfer credit granted, i.e., direct equivalencies versus elective credit (either subject-specific or unspecified). For transfer students in English or History, there is a much greater likelihood that they will receive a generic subject-specific credit (e.g., ENGL 2XX) rather than a direct equivalency for previously completed courses. This is because the course offerings in these disciplines are more likely to vary significantly—both in content as well as credit weight (half course versus full course)—than in a science or social science discipline such as BIOL or ECON. Sometimes a particular course is taught as a full year course at one institution but as a half year course at another. In such cases, a student attempting to transfer that full year course (1.0 credit) may be granted a combination of 0.5 credit for an equivalent course at the receiving institution plus a 0.5 generic ENGL or HIST credit to make up the full 1.0 value of the completed course.

Sometimes the receiving institution may have a course that is superficially equivalent to a course previously taken by an incoming transfer student, but closer inspection reveals that the course is in fact too different for a direct equivalency to be granted; in such cases a generic ENGL/HIST course (ENGL 1XX or HIST 2XX) is normally given. In other cases a student may have completed a 0.5 credit (half year) course in a particular topic and the closest equivalent course at the receiving institution is a full-year (1.0 credit) course. In these circumstances it is possible that the student would be granted 0.5 units worth of transfer credit but also receive an exclusion; namely, they cannot take the equivalent course

again at the receiving institution because they have already completed a course that is too similar. This greater proportion of ENGL/HIST generic credits granted to transfer students, as opposed to the awarding of direct equivalencies, *may* require the transfer student to spend more time fulfilling the degree requirements at the receiving institution than, say, a BIOL or ECON transfer student would. However, the amount of generic versus specific credit granted and its impact on the length of time required for the transfer student to complete their degree at the receiving institution is also closely tied to how far into the program a student is at the time of transfer.

IV—Breadth & Distribution Requirements Group: Summary of Work and Findings

The Breadth and Distribution Requirements group was made up of members from five Ontario universities, as shown in the table below. The rationale behind establishing a group to look at breadth and distribution requirements was as a counter point to the discipline-specific groups. While the latter were examining how core courses transfer in specific program areas, the breadth and distribution requirements group would focus on how other non-program-related credits were handled during the transfer process and how the extra-program degree requirements differed across the participating institutions.

In March, 2015, the group members met in order to gather information about the various breadth and distribution requirements at their respective institutions. These were compiled into a series of comparative charts (see Appendix D) in order to more easily compare the requirements for specific types of bachelor's degrees across institutions. Each participant also gave an overview of the breadth requirements for the various degrees/faculties at their institution, including the rationale behind the requirements and the approach used to determine whether a transfer student has fulfilled some or all of the requirements.

Participants in the Breadth & Distribution Requirements Group by Institution

Breadth & Distribution Requirements Group					
Institution	Carleton	OCADU	Queen's	Waterloo	York
Participants	Richard Mann (term 1) Sukeshi Kamra (term 2)	Keith Bresnahan	Susan Lord	James Skidmore	Julie Parna Kim Michasiw

Notes on the Breadth and Distribution Requirements by Institution

University of Waterloo

The Faculty of Arts has breadth and distribution requirements revised about 10 years ago, which apply to the BA. Other faculties do not have defined requirements in this way (it may vary by department/major). The BA breadth and distribution requirements, as outlined in the comparison chart, fall into five categories: Fine, Performing, and Communication Arts; Humanities; Languages and Cultures; Social Sciences; and Transdisciplinary Studies. The final category, Transdisciplinary Studies, is somewhat unique. This category (which includes programs such as AFM (Accounting and Financial Management), CMW (Church Music and Worship), NATST (Native Studies), and PACS (Peace and Conflict Studies) — see comparison chart for full list) was included to ensure that all Faculty of Art programs would be covered by the breadth and distribution requirements. Students are able to “double count” courses for the purposes of fulfilling the requirements; for example, some courses included in the major may also fulfill part of the breadth and distribution requirements. Therefore, a

good deal of flexibility can be used by the Faculty of Arts Advising Office in helping transfer students fulfil the breadth and distribution requirements by utilizing their previously completed courses.

Details of the University of Waterloo Breadth Areas (BA):

Fine, Performing, and Communication Arts: DAC (Digital Arts Communication), DRAMA (Drama and Speech Communication), FINE (Fine Arts), MUSIC, SPCOM (Speech Communication), VCULT (Visual Culture)

Humanities: CLAS (Classical Studies), ENGL (English Language and Literature), HIST (History), MEDVL (Medieval Studies), PHIL (Philosophy), RS (Religious Studies)

Languages and Cultures: CHINA (Chinese), CROAT (Croatian), DUTCH (Dutch), EASIA (East Asian), FR (French), GER (German), GRK (Greek), ITAL (Italian), ITALST (Italian Studies), JAPAN (Japanese), JS (Jewish Studies), KOREA (Korean), LAT (Latin), POLSH (Polish), PORT (Portuguese), REES (Russian and East European Studies), RUSS (Russian), SI (Studies in Islam), SPAN (Spanish)

Social Sciences: ANTH (Anthropology), ECON (Economics), PSCI (Political Science), PSYCH (Psychology), SDS (Social Development Studies), SOC (Sociology)

Transdisciplinary Studies: AFM (Accounting and Financial Management), APPLS (Applied Language Studies), ARBUS (Arts and Business), ARTS (Arts), CMW (Church Music and Worship), HRM (Human Resources Management), HUMSC (Human Sciences), INTST (International Studies), IS (Independent Studies), LS (Legal Studies), NATST (Native Studies), PACS (Peace and Conflict Studies), SMF (Sexuality, Marriage, and Family Studies), SOCWK (Social Work/Social Development Studies), WS (Women's Studies)

York University

At York University the eight undergraduate Faculties have varied approaches to General Education or Breadth Requirements. In some cases the focus for the requirements is on critical skill development, rather than "breadth." For example, the requirements of the Faculty of Liberal Arts and Professional Studies (LA&PS), York's largest faculty, fall into the following three categories: Humanities, Natural Science, and Social Science and a minimum number of credits is required. Students are encouraged to take General Education courses in years 1 & 2. Transfer students into the Faculty of Liberal Arts and Professional Studies are deemed to have satisfied some of their General Education requirements according to the studies already completed in their original institution. This approach eliminates the need to search for specific equivalents for individual courses to satisfy the York's requirements; rather, it takes the approach outlined above and considers the program the student has come from to help determine what requirements the transfer student has already fulfilled. Students who transfer out of York to another institution will have any general education courses evaluated and may be granted either generic subject credit or a specific equivalency.

OCAD University

OCAD University takes a somewhat "multifarious" approach to its interpretation of breadth. This is somewhat of a political issue; they must follow the regulations of PEQAB. For students in Studio Programs (BFA), any courses taken outside the studio count as breadth, and these programs are composed of 75% studio courses and 25% breadth. BFA students complete a total of 5.0 credits in Liberal Studies, History and Theory of Visual Culture, Breadth discipline courses in at least 2 breadth disciplines (English, Humanities, Science/Technology/Mathematics, Social Sciences). Incoming first-year students complete a series of common first-year courses, including a first-year writing course and two

survey courses in Global Visual and Material Culture. Some specific programs (e.g., Graphic Design) have some exceptions to this general account of the BFA breadth requirements.

OCAD offers one BA program (in Visual and Critical Studies). BA students complete two required breadth courses (an introduction to literature course and a 200 level Humanities course) and 4.0 credits of elective breadth courses, falling into three of four breadth subject areas: English/Literature/Creative Writing, Humanities, Science/Technology/Mathematics, and Social Sciences.

OCAD University gets a lot of transfer students who have already completed an undergraduate degree and who want advanced standing. Such students may fulfill 100% of their breadth requirements by virtue of their previous degree. However, 50% or more of the credits towards the degree must be completed at OCAD.

Queen's University

The breadth and distribution requirements at Queen's vary by faculty. The faculties offering undergraduate degrees at Queen's include the Faculty of Arts and Science, School of Business, Faculty of Engineering and Applied Science, and the School of Nursing. For the purposes of this group, we will not consider Engineering, as there are very specific requirements outlined by the accrediting body. Students in the Faculty of Arts and Science must follow the Plan for their subject area (core and supporting courses) to receive their BSc or BA. The remaining credits required for the degree may be freely chosen from Arts and Science courses with few restrictions (other than considering such things as prerequisites). As such, the Faculty of Arts and Science has no stipulated breadth and distribution requirements. Students in the School of Business earn a Bachelor of Commerce. The B.Com is made up of 126.0 units; 90 to 102 units are Commerce credits and 24 to 36 units are from Arts and Science courses. There are no regulations on what Arts and Science courses B.Com students have to take. Nursing students follow a strictly determined plan of courses. There is room in the program for a total of five half-course electives. Electives may be chosen from any of the courses within Queen's University, although SOCY 122 Introduction to Sociology is strongly recommended as one elective choice. Queen's does offer a Bachelor of Fine Art in the Faculty of Arts and Science. BFA students follow the plan of Fine Art (ARTF) courses alone (or in combination with a Minor in another subject), along with sufficient electives to total 120.0 units. There are no restrictions regulating the choice of electives (other than considering such things as prerequisites).

In general, incoming students can transfer up to 54 units of the 120 unit four-year degree. If fewer than 24 units have been completed elsewhere, the student is considered a first-year applicant. Because Queen's does not specify any General Education or breadth and distribution requirements, transfer students will have their program-specific courses considered for satisfying the degree program major into which they are applying and all other courses will be granted equivalents or generic transfer credit to be used towards fulfilling the elective credits.

Carleton

The breadth requirements for Carleton University are relatively straightforward. There are four breadth areas, as follows: Culture and Communication; Humanities; Science, Engineering, and Design; and Social Sciences. Both BA and BSc students are encouraged to take a First-Year Seminar. Interdisciplinary programs are exempt from breadth requirements. It is the responsibility of the Admissions Office to determine how much a transfer student has satisfied in terms of breadth requirements upon arrival at Carleton.

Details of the Carleton University Breadth Areas:

Breadth Area 1: Culture and Communication: Art History, Art and Culture, Communication Studies, Comparative Literary Studies, English, Film Studies, French, Journalism, Music, and Languages (Arabic, English as a Second Language, German, Greek, Hebrew, Indigenous Languages, Italian, Japanese,

Korean, Latin, Mandarin, Portuguese, Russian, Sign Language, Spanish)

Breadth Area 2: Humanities: African Studies, Canadian Studies, Child Studies, Classical Civilization, Directed Interdisciplinary Studies, Disability Studies, European and Russian Studies, History, Human Rights, Humanities, Indigenous Studies, Latin American and Caribbean Studies, Linguistics, Philosophy, Religion, Sexuality Studies, and Women's and Gender Studies.

Breadth Area 3: Science, Engineering, and Design: Architecture, Biology, Chemistry, Computer Science, Earth Sciences, Engineering, Environmental Science, Food Science and Nutrition, Health Sciences, Industrial Design, Mathematics, Neuroscience, Statistics, Physics, and Technology, Society, Environment.

Breadth Area 4: Social Sciences: Anthropology, Business, Cognitive Science, Criminology and Criminal Justice, Economics, Environmental Studies, Geography, Geomatics, Global Politics, International Affairs, Law, Political Science, Psychology, Public Administration, Public Affairs and Policy Management, Social Work, Sociology/Anthropology, Sociology

Remarks on the Comparison of Breadth & Distribution Requirements and Implications for Transfer

Most of the institutions have some stipulated breadth and distribution requirements for their degrees at the bachelor's level (see Appendix D). However, the requirements may vary by degree type or by faculty. Queen's University is a bit of an exception, as its largest faculty, the Faculty of Arts & Science has no requirements beyond the core courses and subject-specific electives associated with the major program plan. Being a specialized institution, OCAD University's requirements are also geared specifically to the degree programs they offer.

In general, the institutions that do have breadth and distribution requirements tend to group these into categories or "buckets" of disciplines. Among the universities in the group, the common such categories were humanities, social science, and science. Other categories contain such subject areas as fine art, communication, languages, or miscellaneous specialized subjects (e.g., interdisciplinary studies). These tend to be grouped differently at different institutions. For example, compare Waterloo's three separate categories of Fine, Performing, and Communication Arts; Languages and Cultures; and Transdisciplinary Studies to Carleton's grouping of similar subjects under the broad category of Culture and Communication.

During the discussion, group participants stressed that when dealing with transfer students, their respective Admissions Offices do their utmost to put the students' previously completed courses towards fulfilling as many of the breadth and distribution requirements of the intended degree as possible. The prevailing philosophy seems to be that these requirements are there for two main purposes: to help students develop essential skills for university study (such as critical thinking and effective communication) and to help ensure that graduating students have gained as much of a well-rounded education as possible with the elective credits allotted to them outside the dictates of their major subject. As such, the specific courses taken are far less important than the fact that such critical skills and breadth of exposure is achieved by some means.

There is a potential for further work either in the area of non-program-specific course transfer or other transfer difficulties encountered by students. A research project could be launched to explore cases where students do not receive the full amount of transfer credit expected and other complications they may experience in terms of gaining access to upper year courses at the receiving institution.

V— Accomplishments of Phase I and Lessons Learned

Phase I of the Degree to Degree Transfer Project has made a number of important accomplishments. First and foremost it has established a methodology that works for i) comparing subject-specific programs across institutions, ii) evaluating existing course equivalency data, and iii) generating new course assessments to make the database of transfer information that much more robust. This process could readily be used for other discipline groups in the future, should the Degree to Degree project be expanded into other subject areas.

The results have proven, as was suspected, that not only is transfer happening at the degree level, but it is fairly straightforward for core courses in Years 1 & 2, particularly in the sciences and social sciences. Many of these key courses had already been evaluated across most of the institutions in the subject groups; where courses had not previously been assessed, group discussion revealed that the “outside course” evaluation process is straightforward and quite similar across institutions. The work of the participants created a significant number of new course equivalencies to contribute to the overall data set, both at the institutional and pan-Ontario level. In fact, the work of this phase of the project generated a total of more than 550 new pieces of information that will be added to the ONTransfer.ca database, thus making the information that is available to students and transfer advisors that much more robust and, ultimately, improving student mobility in these disciplines.

The project did reveal some disconnects in flow of information, either between the department and the registrar/admissions offices at the institutional level or between the institution and the ONTransfer.ca database. Namely, there was a significant number of course equivalencies that were found to exist at the department level but that had never been uploaded to the central hub of ONTransfer.ca. This is sometimes the result of the evaluation of credits being a decentralized process at many universities. In total, more than 200 such pieces of information have been discovered and steps are being taken to remedy the situation, both by helping departments become more aware of whom at their institution is responsible for warehousing such data and also how that data is communicated to ONTransfer.ca. Some of the group members asked for their registrar to be invited to participate in the group’s work; in future, it would be helpful to have some registrarial staff involved from the beginning of the project. This observation highlights the need for further collaboration between the individual departments, the Registrar’s Offices, and ONCAT in order to increase awareness of how information concerning previous evaluations of outside courses is stored at the institutional level and who is responsible for maintaining this data and communicating it to ONTransfer.ca.

As mentioned above, group members worked hard to generate new equivalencies for courses that had not been previously assessed by their department. In order to do so, they required course information (course descriptions and in some cases syllabi or outlines) in order to make these evaluations. The ONCAT Resource Centre, an information-sharing website set up for each group, greatly facilitated this process. However, in some cases it was difficult to get additional information beyond the course description in order for the assessments to be made. One suggestion was that ONCAT could compile a master database of all institutional course information, which would further simplify such resource sharing in future. This database would have to be secured (login and password protected) and would have to take into account the issue of intellectual property that can pertain to items like course syllabi.

What Phase I of the Degree to Degree Transfer Project has accomplished is a proof of concept: multi-institutional, discipline-specific groups can meaningfully compare their programs, note important differences or specialties, and discuss how these aspects affect transferability in their discipline. Course equivalency and transfer data can not only be assessed but augmented, thus improving the robustness of information available to students and advisors. Based on this success, it is worth exploring the usefulness of possible future province-wide “articulation committees” that could meet regularly to examine curricula, discuss emerging trends in the field, and ultimately improve student mobility in the discipline across Ontario.

Appendix A — Degree-to-Degree Transfer Project: Terms of Reference

(Established March, 2014)

Committee Membership

Chair/Facilitator: Glenn Craney, Executive Director, ONCAT

Secretary: Nicole Fallon, Project Lead, ONCAT

Members

Barb Davis, Brock University

Brian Pettigrew, University of Guelph

Christine Bovis-Crossen, OCAD University

Jill Scott, Queen's University

Julie Parna, York University

Mario Coniglio & Nancy Weiner, University of Waterloo

Peter Ricketts & Suzanne Blanchard, Carleton University

Serge Demers, Laurentian University

Other members to be added as appropriate.

Mandate

The purpose and operations of the Degree to Degree Transfer Steering Committee shall be:

- To assess the current state of transfer of first and second year courses at Ontario Universities
- To select key, high demand disciplines (5–6) on which to focus
- To appoint faculty members or curriculum experts to Discipline-Specific Sub-groups
- Based on sub-group findings, provide advice & best practices to improve the current state of transferability in these disciplines, as appropriate
- To create a report to the community detailing the findings of the Committee and the feasibility of applying findings across Ontario Universities

Term of Committee & Meetings

The Committee is intended to be term-limited with a set mandate. The Committee will meet regularly until the mandate is complete.

Process

- By consensus—institutions will never be required to make changes to policy through this process.
- Chair will circulate information, agenda, and minutes first for approval.
- Agenda and meeting material to be distributed at least 3 working days in advance.
- Committee business is not confidential. Members are at liberty to share the information developed at the Committee with colleagues at your home institution or other institutions.

Amendment to Terms of Reference

As appropriate.

Appendix B— The BCCAT Flexible Pre-Majors Project and What Our Project Can Take from It

The BC postsecondary system (with the support of BCCAT) began to explore the concept of Flexible Pre-Majors after finding that the most problematic area for transfer students was fulfilling the requirements for the pre-major (the first two years of degree study). A pre-major is defined as the specific lower level (first and second year) courses required as prerequisites to third year major courses in a specific discipline. The Flexible Pre-Major (FPM) is an agreed-upon set of requirements that is a) deliverable by sending institutions and acceptable to receiving institutions and b) deemed to fulfill the lower level requirements for the major. Basically, an FPM is an agreement on a set of courses that all receiving institutions will accept in lieu of their own specific course requirements for the first two years of the bachelor's degree.

In BC each FPM is a formal inter-institutional agreement facilitating student transfer into specific majors. When a student fulfills the courses outlined in a particular FPM, this indicates that the student has completed the lower level requirements for a major in that specific discipline, as agreed upon by the province's articulation committee for that discipline. In order to explore the FPM as a viable option, BC established discipline-specific groups of faculty and staff from various disciplines to study the option in a set of progressive phases. Although the postsecondary environment in BC differs from Ontario in a number of important ways, ONCAT feels that the BC Flexible Pre-Major Project *methodology* (particularly in the initial discovery/analysis phase) does provide a good guideline for our own Degree to Degree Transfer Project.

BC Project Phases

Phase I: Analysis

- Form discipline specific working groups
- Identify current transfer patterns, problems/issues, hard and soft barriers to transfer
- Review first and second year ("pre-major") requirements in all institutions that offer the specific discipline
- Identify system-wide expectations of first and second year courses (content and/or skill sets)
- Compile categories of Year 1 & 2 courses that students require for the major (OR a "basket of courses" to meet Learning Outcomes)
- Review potential obstacles
- Prepare preliminary recommendations and rough draft of courses for the FPM
- Consult with key stakeholders
- Consider the requirements of proceeding to Implementation Phase
- Submit reports (Interim and Final Analysis)

Phase II: Implementation (main steps)

- Formally define the FPM
- Develop a Course Grid outlining courses at each institution that meet the FPM requirements
- Identify distance/online courses that could meet FPM requirements if a sending institution does not offer all required FPM courses
- Consult with key stakeholders
- Communicate the implementation plan
- Obtain signoffs from participating institutions
- Create information resources to support and advertise the FPM
- Develop a process to regularly review the FPM

Phase III: Maintenance

- Review the Course Grid and FPM Requirements on a regular basis for each discipline

Appendix C — Course Equivalencies, Existing and Newly Established

Note for all Appendix C tables: green text denotes a half-year course; blue text denotes a full-year course

Biology

Degree to Degree Transfer Project – BIOLOGY – Course Equivalencies

- Yellow highlighting = mismatch of data
- Blue highlighting = new information not yet in ONTransfer.ca
- Purple highlighting = new equivalencies created by project work

Carleton	Course Equivalencies					
	Guelph		Laurentian		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1						
BIOL 1103 Foundations of Biology I	BIOL 1090 Introduction to Molecular and Cellular Biology	NONE	BIOL 1506 Biology I	NONE	Should be same as in ONTransfer.ca	SC/BIOL 1000 Biology I
BIOL 1104 Foundations of Biology II	BIOL 1070 Discovering Biodiversity	NONE	BIOL 1507 Biology II	NONE	Should be same as in ONTransfer.ca	SC/BIOL 1001 Biology II
MATH 1007 Elementary Calculus I	MATH 1080 Elements of Calculus I	NONE	MATH 1036 Calculus I	MATH 1036 Calculus I	Should be same as in ONTransfer.ca	SC/MATH 1520 Intro to Calculus with Vectors
MATH 1107 Linear Algebra I	MATH 2150 Applied Matrix Algebra	NONE	MATH 1057 Linear Algebra I	MATH 1057 Linear Algebra I	Should be same as in ONTransfer.ca	SC/MATH 1021 Linear Algebra I
STAT 2507 Introduction to Statistical Modeling I	Not given	NONE	STAT 2246 Statistics for Scientists	STAT 2246 Statistics for Scientists	Should be same as in ONTransfer.ca	SC/MATH 1131 Intro to Stats I
CHEM 1001 General Chemistry I	CHEM 9110* Generic 100-level cr.	NONE	CHMI 1006 General Chemistry I	NONE	Should be same as in ONTransfer.ca	SC/CHEM 1000 Chemical Structure
CHEM 1002 General Chemistry II	CHEM 9110*; but 1001 + 1002 fulfills CHEM 1040/1050 requirem’t General Chemistry I + II	NONE	CHMI 1007 General Chemistry II	NONE	Should be same as in ONTransfer.ca	SC/CHEM 1001 Chemical Dynamics
PHYS 1007 Elementary University Physics I	PHYS 9110 Generic 100-level credit	NONE	PHYS 1206E Physics for the Life Science I + Lab	NONE	Should be same as in ONTransfer.ca	SC/PHYS 1420 Physics with Applications to Life Science or SC/PHYS 1510 Into to Physics
PHYS 1008 Elementary University Physics II	PHYS 9110 Generic 100-level credit	NONE	PHYS 1207E Physics for the Life Science II + Lab	NONE	Should be same as in ONTransfer.ca	SC/PHYS 1420 Physics with Applications to Life Science
NSCI 1000 Seminar in Science	No equivalent	NONE	None yet determined	NONE	No equivalent	NONE
BIOL 1003 Introductory Biology I	BIOL 1090 Introduction to Molecular and Cellular Biology	NONE	BIOL 1506 Biology I	BIOL 1506 Biology I	SC/BIOL 1000 Biology I – Cells, Molecular Biology and Genetics	NONE
BIOL 1004 Introductory Biology II	BIOL 1070 Discovering Biodiversity	NONE	BIOL 1507 Biology II	BIOL 1507 Biology II	SC/BIOL 1001 Biology II – Evolution, Ecology, Biodiversity and Conservation	NONE
PHYS 1001 Foundations of Physics I	PHYS 1080 Physics for Life Sciences					
PHYS 1002 Foundations of Physics II	PHYS 1070 Introductory Physics for Life Sciences					
Year 2						
BIOL 2001 Animals: Form and Function	No information supplied	ZOO 9210 generic ZOO credit; not enough information regarding specimens covered	BIOL 2706E Vertebrate Form and Function + Lab	NONE	SC/BIOL 2030 4.00 Animals	NONE
BIOL 2002 Plants: Form and Function	No information supplied	NONE	BIOL 3316 Plant Form and Function	NONE	SC/BIOL 2010 4.00 Plant Biology	NONE
BIOL 2104 Introductory Genetics	No information supplied	Not enough information in Course Description to assess	BIOL 3017 Genetics	BIOL 3017 Genetics	SC/BIOL 2040 Genetics	NONE
BIOL 2200 Cellular Biochemistry	No information supplied	BIOC 2580 Introduction to Biochemistry	CHMI 2227 Biochemistry I	CHMI 2227 Biochemistry I	Syllabus required to evaluate; syllabus provided by CU but	NONE

Carleton	Course Equivalencies					
	Guelph		Laurentian		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
					evaluation not yet complete at time of report compilation	
BIOL 2201 Cell Biology and Biochemistry	No information supplied	BIOL 9210 generic BIOL credit (has no lab so not equivalent to BIOC 2580); should be not granted credit if BIOL 2200 is also completed	BIOL 2126E Cell Biology + Lab	NONE	Syllabus required to evaluate; syllabus provided by CU but evaluation not yet complete at time of report compilation	NONE
BIOL 2303 Microbiology	No information supplied	MICR 2420 Introduction to Microbiology	BIOL 2026E Intro to Microbiology + Lab	NONE	Syllabus required to evaluate; syllabus provided by CU but evaluation not yet complete at time of report compilation	SC/BIOL 2***
BIOL 2600 Introduction to Ecology	No information supplied	BIOL 2060 Ecology	BIOL 2356E Principles of Ecology + Lab	NONE	SC/BIOL 2050 4.00 Ecology	NONE
CHEM 2203 Organic Chemistry I	No information supplied	CHEM 9210* generic CHEM credit; together with 2204 would be equivalent to CHEM 2700 + 3750 Org. Chem. I + II	CHMI 2426 Organic Chemistry I	CHMI 2426 Organic Chemistry I	Consulting with CHEM Dept.	NONE
CHEM 2204 Organic Chemistry II	No information supplied	CHEM 9310* generic CHEM credit; together with 2203 would be equivalent to CHEM 2700 + 3750 Org. Chem. I + II	CHMI 2427 Organic Chemistry II	CHMI 2427 Organic Chemistry II	Consulting with CHEM Dept.	NONE

Guelph	Course Equivalencies					
	Carleton		Laurentian		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1						
BIOL 1070 Discovering Biodiversity	BIOL 1104 Foundations of Biology II	NONE	BIOL 1506E Biology I + Lab	NONE	Should be same as in ONTransfer.ca	SC/BIOL 1001 Biology II
BIOL 1080 Biological Concepts of Health	BIOL 1XXX	NONE	ANTR 2016 Human Biological Variation, Adaptations and Health	NONE	No equivalent	NONE
BIOL 1090 Introduction to Molecular and Cellular Biology	BIOL 1103 Foundations of Biology I	NONE	BIOL 2126E Cell Biology + Lab	NONE	Should be same as in ONTransfer.ca	SC/BIOL 1000 Biology I
MATH 1080 Elements of Calculus I	No information supplied	MATH 1XXX	MATH 1036 Calculus I	MATH 1036 Calculus I	Should be same as in ONTransfer.ca	SC/MATH 1520 Intro to Calculus with Vectors or SC/MATH 1013 Applied Calculus I
CHEM 1040 General Chemistry I	No information supplied	CHEM 1001 General Chemistry I	CHMI 1006 General Chemistry I	CHMI 1006 General Chemistry I	Should be same as in ONTransfer.ca	SC/CHEM 1000 Chemical Structure
CHEM 1050 General Chemistry II	No information supplied	CHEM 1002 General Chemistry II	CHMI 1007 General Chemistry II	CHMI 1007 General Chemistry II	Should be same as in ONTransfer.ca	SC/CHEM 1001 Chemical Dynamics
PHYS 1070 Introductory Physics for Life Sciences	No information supplied	PHYS 1XXX	PHYS 1006 Introductory Physics I	PHYS 1006 Introductory Physics I	Should be same as in ONTransfer.ca	SC/PHYS **** or SC/PHYS 1420 Physics with Applications to Life Science
PHYS 1080 Physics for Life Sciences	No information supplied	PHYS 1XXX	PHYS 1007 Introductory Physics II	PHYS 1007 Introductory Physics II	Should be same as in ONTransfer.ca	SC/PHYS **** or SC/PHYS 1420 Physics with Applications to Life Science
Year 2						
BIOL 2400 Evolution	No information supplied	BIOL 3611 Evolutionary Ecology	BIOL 3006 Evolutionary Biology	NONE	BIOL 2XXX	NONE

Guelph	Course Equivalencies					
	Carleton		Laurentian		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
STAT 2040 Statistics I	STAT 2507 Introduction to Statistical Modeling I	NONE	STAT 2126 Intro to Statistics	STAT 2126 Intro to Statistics	No further information supplied	HH/KINE 2050 Analysis of Data in Kinesiology I or SC/MATH 1131 Intro to Stats I or SC/MATH 2565 Intro to Applied Stats or AP/ECON 2500 Introductory Stats for Economists I
BIOC 2580 Introduction to Biochemistry	Tentative equivalent (would need to assess lab and text): BIOL 2200 Cell Physiology & Biochemistry	NONE	CHMI 2227 Biochemistry I	NONE	No further information supplied	SC/CHEM 1550 Introductory Biochemistry for Nurses or SC/CHEM 2050 Intro Biochemistry
MBG 2040 Foundations in Molecular Biology and Genetics	BIOL 2107 Fundamentals of Genetics	NONE	BIOL 2007E Genetics + Lab	NONE	Would need syllabus to evaluate	NONE
CIS 1000 Intro to Computer Applications	No information supplied	COMP 1001 Intro to Computers for Arts	COSC 1701 Computer Applications	COSC 1701 Computer Applications	No further information supplied	LE/EECS ****
CIS 1200 Introduction to Computing	No information supplied	COMP 1XXX	COSC 1701 Computer Applications	COSC 1701 Computer Applications	No further information supplied	AP/ITEC 1010 Information and Organizations or AP/ITEC 1000 Intro to Information or LE/EECS 1520 Computer Fundamentals
MATH 2080 Elements of Calculus II	Would transfer as a Science Continuation course credit	NONE	MATH 1037E Calculus II	NONE	Would need syllabus to evaluate	NONE
STAT 2050 Statistics II	No information supplied	STAT 2509 Intro to Stat Modelling II	BIOL 3327 Experimental Methods in Biology	NONE	No information supplied	SC/MATH 2131 Intro to Statistics II

Laurentian	Course Equivalencies					
	Carleton		Guelph		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1						
BIOL 1506E Biology I + Lab	No information supplied	BIOL 1XXX or BIOL 1003 Introductory Biology I	BIOL 1090 Introduction to Molecular and Cellular Biology	NONE	Would need syllabus to evaluate	NONE
BIOL 1507E Biology II + Lab	No information supplied	BIOL 1XXX or BIOL 1003 Introductory Biology I or BIOL 1004 Introductory Biology II	BIOL 9110 Generic 100-level BIOL credit	NONE	Would need syllabus to evaluate	NONE
MATH 1036E Calculus I	No information supplied	MATH 1007 Elementary Calculus I	MATH 1200 Calculus I	NONE	No information supplied	SC/MATH 1013 Applied Calculus I
MATH 1037E Calculus II	No information supplied	MATH 2007 Elementary Calculus II	MATH 1210 Calculus II	NONE	Would need syllabus to evaluate	NONE
MATH 1057E Linear Algebra I	No information supplied	MATH 1107 Linear Algebra I or MATH 1104 Linear Algebra (Eng. Or Sci.)	MATH 2150 Applied Matrix Algebra	NONE	Would need syllabus to evaluate	NONE
CHMI 1006E General Chemistry I + Lab	CHMI 1006 + 1007 equivalent to Carleton CHEM 1001 + 1002 General Chemistry I + II	NONE	CHEM 1040 General Chemistry I	NONE	Would need syllabus to evaluate	NONE
CHMI 1007E General Chemistry II + Lab	CHMI 1006 + 1007 equivalent to Carleton CHEM 1001 + 1002 General Chemistry I + II	NONE	CHEM 1050 General Chemistry II	NONE	Would need syllabus to evaluate	NONE

Laurentian	Course Equivalencies					
	Carleton		Guelph		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
PHYS 1006E Introductory Physics I + Lab	Laurentian's PHYS 1006 + 1007 = Carleton's PHYS 1003 Introductory Mechanics and Thermodynamics + PHYS 1004 Introductory Electromagnetism and Wave Motion	NONE	BIOL 9110 Generic 100-level BIOL credit	NONE	Would need syllabus to evaluate	NONE
PHYS 1007E Introductory Physics II + Lab	Laurentian's PHYS 1006 + 1007 = Carleton's PHYS 1003 Introductory Mechanics and Thermodynamics + PHYS 1004 Introductory Electromagnetism and Wave Motion	NONE	BIOL 9110 Generic 100-level BIOL credit	NONE	Would need syllabus to evaluate	NONE
PHYS 1206E Physics for the Life Science I + Lab	Laurentian's PHYS 1206 + 1207 = Carleton's PHYS 1007 Elementary University Physics I + PHYS 1008 Elementary University Physics II	NONE	BIOL 9110 Generic 100-level BIOL credit	NONE	Would need syllabus to evaluate	NONE
PHYS 1207E Physics for the Life Science II + Lab	See above	NONE	BIOL 9110 Generic 100-level BIOL credit	NONE	Would need syllabus to evaluate	NONE
Year 2						
BIOL 2007E Genetics + Lab	BIOL 2104 Introductory Genetics	NONE	Not enough info in Course Description for specific transfer credit	NONE	Would need syllabus to evaluate	NONE
BIOL 2026E Intro to Microbiology + Lab	BIOL 2303 Microbiology	NONE	Not enough info in Course Description for specific transfer credit	NONE	Would need syllabus to evaluate	NONE
BIOL 2126E Cell Biology + Lab	BIOL 3201 Cell Biology	NONE	Not enough info in Course Description for specific transfer credit	NONE	SC/BIOL 2021 Cell Biology	NONE
BIOL 2356E Principles of Ecology + Lab	BIOL 2600 Introduction to Ecology	NONE	BIOL 2060 Ecology	NONE	SC/BIOL 2050 4.00 Ecology	NONE
BIOL 2706E Vertebrate Form and Function + Lab	BIOL 2001 Animals: Form and Function	NONE	Not enough info in Course Description for specific transfer credit	NONE	BIOL 2XXX	NONE
BIOL 2726E Diversity of Animals + Lab	Students presenting BIOL 2706 would get credit for CU BIOL 2001. However, these courses are not truly equivalent; would be preferable for students to present both BIOL 2706 and BIOL 2726.	NONE	Not enough info in Course Description for specific transfer credit	NONE	SC/BIOL 2030 4.00 Animals	NONE
CHMI 2227E Biochemistry I + Lab	BIOL/BIOC 2200 Cellular Biochemistry	NONE	BIOC 9210 generic BIOC credit; not a match for BIOC 2580	NONE	Would need syllabus to evaluate	NONE
CHMI 2426E Organic Chemistry I + Lab	CHEM 2203 Organic Chemistry I	NONE	CHEM 9210 generic CHEM credit; not a match for CHEM 2700	NONE	Would need syllabus to evaluate	NONE
STAT 2126E Introduction to Statistics	No information supplied	NONE	Not enough info in Course Description for specific transfer credit	NONE	Would need syllabus to evaluate	AP/POLS 3300 Stats for Social Sciences
STAT 2246E Statistics for Scientists	No information supplied	NONE	STAT 2060 Stats for Business Decisions or STAT 2080 Introductory Applied Stats I	NONE	Would need syllabus to evaluate	NONE

York	Course Equivalencies					
	Carleton		Guelph		Laurentian	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1						
SC/BIOL 1000 Biology I – Cells, Molecular Biology and Genetics	No information supplied	BIOL 1103 Foundations of Biology I	BIOL 1090 Introduction to Molecular and Cellular Biology	NONE	BIOL 1506 Biology I	NONE
SC/BIOL 1001 Biology II – Evolution, Ecology, Biodiversity and Conservation	No information supplied	BIOL 1104 Foundations of Biology II	BIOL 1070 Discovering Biodiversity	NONE	BIOL 1507 Biology II	NONE
SC/BIOL 1010 Introductory Biology	No information supplied	NONE	Would require further information	NONE	BIOL 1506 + BIOL 1507 Biology I + II	NONE
SC/MATH 1505 Mathematics for the Life and Social Sciences	No information supplied	MATH 10XX or MATH 11XX or MATH 1007 Elementary Calculus I	MATH 1080 Elements of Calculus I + MATH 9110	NONE	NO DATA	NONE
SC/CHEM 1000 Chemical Structure	No information supplied	CHEM 1001 General Chemistry I	CHEM 9110, when both 1000/1 are completed student is awarded CHEM 1040/1050 General Chemistry I + II	NONE	CHMI 1006 General Chemistry I	NONE
SC/CHEM 1001 Chemical Dynamics	No information supplied	CHEM 1002 General Chemistry II	CHEM 9110 Generic 100-level credit	NONE	CHMI 1007 General Chemistry II	NONE
SC/PHYS 1410 Physical Science	PHYS 1007 Elementary University Physics I + PHYS 1008 Elementary University Physics II	NONE	PHYS 1070/1080 Physics for Life Sciences I + II	NONE	NO DATA	NONE
SC/PHYS 1420 Physics with Applications to Life Sciences	PHYS 1007 Elementary University Physics I + PHYS 1008 Elementary University Physics II	NONE	PHYS 1070/1080 Physics for Life Sciences I + II	NONE	NO DATA	NONE
SC/PHYS 1010 Physics	PHYS 1007 Elementary University Physics I + PHYS 1008 Elementary University Physics II		PHYS 1070/1080 Physics for Life Sciences I + II	NONE		
LE/CSE 1520 Computer Use Fundamentals	May be transferrable as a Science Continuation course credit	NONE	Not given	NONE	COSC 1701 Computer Applications	NONE
SC/MATH 1013 Applied Calculus I	MATH 1007 Elementary Calculus I	NONE	MATH 9110 sub for MATH 1080 Elements of Calculus I	NONE	MATH 1036 Calculus I	NONE
SC/MATH 1014 Applied Calculus II	MATH 1007 Elementary Calculus I	NONE	MATH 9110 sub for MATH 2080 Elements of Calculus II or MATH 1210 Calculus II	NONE	MATH 1037 Calculus II	NONE
SC/MATH 1025 Applied Linear Algebra	MATH 1007 Elementary Calculus I	NONE	MATH 2150 Applied Matrix Algebra	NONE	MATH 1057 Linear Algebra I	NONE
Year 2						
SC/BIOL 2070 Research Methods in Cell and Molecular Biology	No information supplied	NONE	Not enough info in Course Description for specific transfer credit	NONE	CHMI 3227 Experimental Biochemistry	NONE
SC/BIOL 2010 4.00 Plant Biology	BIOL 2002 Plants: Form and Function	NONE	Not evaluated	NONE	BIOL 2306 Diversity of Plants	NONE
SC/BIOL 2020 Biochemistry	BIOL 2201 Cell Biology and Biochemistry	NONE	BIOC 9210 generic BIOC credit; content is similar but lab skills are not developed in this course	NONE	CHMI 2227 Biochemistry I	NONE

York	Course Equivalencies					
	Carleton		Guelph		Laurentian	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
SC/BIOL 2021 Cell Biology	BIOL 2201 Cell Biology and Biochemistry; if student transfers SC/BIOL 2021 Cell Biology + SC/BIOL 2070 Research Methods in Cell and Molecular Biology they will receive at Carleton BIOL 3201 Cell Biology + BIOL 2XXX	NONE	MCB 9210 generic MCB credit; only 50% overlap with our course, therefore not a good match	NONE	BIOL 2126E Cell Biology + Lab	NONE
SC/BIOL 2030 4.00 Animals	BIOL 2001 Animals: Form and Function	NONE	ZOO 9210 generic ZOO credit; this is a mix of our courses therefore not equivalent to a specific course	NONE	BIOL 2726 Diversity of Animals	NONE
SC/BIOL 2040 Genetics	No information supplied	BIOL 21XX	MCB 9210 generic MCB credit; only 50% overlap with our course, therefore not a good match	NONE	BIOL 3017 Genetics	BIOL 3017 Genetics
SC/BIOL 2050 4.00 Ecology	BIOL 2600 Introduction to Ecology	NONE	BIOL 2060 Ecology	NONE	BIOL 2356E Principles of Ecology + Lab	NONE
SC/BIOL 2060 Statistics for Biologists	May be equivalent to STAT 2507 Introduction to Statistical Modeling I but cannot be properly assessed without more detailed course info	NONE	STAT 9210 generic STAT credit; could be used as sub for STAT 2040	NONE	STAT 2246E Statistics for Scientists	NONE
SC/BIOL 2070 Research Methods in Cell and Molecular Biology	BIOL 2XXX	NONE	Not evaluated	NONE	CHMI 3227 Experimental Biochemistry	NONE
SC/CHEM 2020 Introductory Organic Chemistry I	CHEM 2203 Organic Chemistry I	NONE	CHEM 2700 Org. Chemistry I (the 6.00 credit course would be 2700 and 3750)	NONE	CHMI 2426 Organic Chemistry I	CHMI 2426 Organic Chemistry I or 2427 Organic Chemistry II
SC/CHEM 2021 Introductory Organic Chemistry II	CHEM 2204 Organic Chemistry II	NONE	CHEM 3750 Org. Chemistry II	NONE	CHMI 2427 Organic Chemistry II	NONE

Economics

Degree to Degree Transfer Project – ECONOMICS – Course Equivalencies

- Yellow highlighting = mismatch of data
- Blue highlighting = new information not yet in ONTransfer.ca
- Purple highlighting = new equivalencies created by project work

Brock	Course Equivalencies							
	Carleton		Laurentian		Queen's		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1								
ECON 1P91: Introduction to Microeconomic Principles	1P91 = ECON 1001;1P91 + 1P92 = Carleton's ECON 1000	ECON 1001 Intro to Economics: Microeconomics	ECON 1006 Introduction to Microeconomics	NONE	ECON 111 Introductory Microeconomics	ECON 111 Introductory Microeconomics	Should be the same as ONTransfer.ca	AP/ECON 1000 Introduction to Microeconomics
ECON 1P92: Introduction to Macroeconomic Principles	1P92 = ECON 1002;1P91 + 1P92 = Carleton's ECON 1000	ECON 1002 Intro to Economics: Macroeconomics	ECON 1007 Introduction to Macroeconomics	NONE	ECON 112 Introductory Macroeconomics	ECON 112 Introductory Macroeconomics	Should be the same as ONTransfer.ca	AP/ECON 1010 Introduction to Macroeconomics
MATH 1P01 Calculus Concepts I	NONE	MATH 1007 Elementary Calculus I or MATH 200X	No info supplied	NONE	Would have to be assessed by MATH Dept.	NONE	AP/MATH 1013 Applied Calculus I	NONE
MATH 1P05 Applied Calculus I	NONE	MATH 1007 Elementary Calculus I	No info supplied	NONE	Would have to be assessed by MATH Dept.	NONE	AP/MATH 1013 Applied Calculus I	NONE
MATH 1P97 Calculus with Applications	NONE	MATH 1009 Calculus with Applications to Business	No info supplied	NONE	No info supplied	No credit awarded	Should be the same as ONTransfer.ca	SC/MATH 1520 Introduction to Calculus with Vectors
MATH 1P98: Introduction to Statistics	NONE	STAT 2507 Intro to Stat Modelling I	STAT 1056E Business Statistics	NONE	No info supplied	STAT 263 Introduction to Statistics	Should be the same as ONTransfer.ca	SC/MATH 1532 Statistics for Business and Society or SC/MATH 2565 Introduction to Applied Statistics
Year 2								
ECON 2P21: Intermediate Microeconomics I	ECON 202X; precludes additional credit from ECON 2002, 2020, 2030	ECON 2020 Intermediate Microeconomics I: Prod & Market	ECON 2006E Intermediate Microeconomics I	NONE	ECON 212 Microeconomic Theory I	NONE	Should be the same as ONTransfer.ca	AP/ECON 2300 Intermediate Microeconomic Theory I
ECON 2P22: Intermediate Macroeconomics I	ECON 2102 Intermediate Macroeconomics I	ECON 2102 Intermediate Macroeconomics I	ECON 2016 Intermediate Macroeconomics I	NONE	ECON 222 Macroeconomic Theory I	NONE	AP/ECON 2400 Intermediate Macroeconomic Theory I	NONE
ECON 2P90: Introduction to Econometrics	ECON 2202 Statistical Methods in Economics and Business II	NONE	ECON 2136E Statistical Methods for Economics	NONE	ECON 250 Introductory Statistics	NONE	Should be the same as ONTransfer.ca	AP/ADMS ****
ECON 2P30: Foundations of Economic Analysis	ECON 1402 Elementary Mathematics for Economics II	NONE	ECON 2127E Introduction to the Mathematical Treatment of Economics	NONE	ECON 255 Introduction to Mathematical Economics	NONE	AP/ECON 1540 Introductory Mathematical Economics II	NONE

Carleton	Course Equivalencies							
	Brock		Laurentian		Queen's		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1								
ECON 1000 Introduction to Economics	ECON 1P91: Introduction to Microeconomic Principles + ECON 1P92: Introduction to Macroeconomic Principles	NONE	ECON 1005 Microeconomics	ECON 1005 Microeconomics	No information supplied	ECON 110 Principles of Economics	Should be the same as ONTransfer.ca	AP/ECON 1000 Intro to Microeconomics + AP/ECON 1010 Intro to Macroeconomics
MATH / ECON 1401 Elementary Mathematics for Econ I	Would have to be assessed by MATH Dept.	MATH 1P98 Practical Statistics	No info supplied	NONE	Would have to be assessed by MATH Dept.	NONE	Should be the same as ONTransfer.ca	AP/ECON 1530 Intro Mathematics for Economists I
ECON 1001 Intro to Economics: Microeconomics	ECON 1P91: Introduction to Microeconomic Principles	NONE			ECON 111 Introductory Microeconomics	NONE		
ECON 1002 Intro to Economics: Macroeconomics	ECON 1P92: Introduction to Macroeconomic Principles	ECON 1P92: Introduction to Macroeconomic Principles			ECON 112 Introductory Macroeconomics	NONE		
Year 2								
ECON 2020 Intermediate Microeconomics I	ECON 2P21: Intermediate Microeconomics I	NONE	ECON 2006E Intermediate Microeconomics I	NONE	ECON 212 Microeconomic Theory I	NONE	Should be the same as ONTransfer.ca	AP/ECON 2350 Intermediate Microeconomic Theory II [Unclear as to why part II]
ECON 2102 Intermediate Macroeconomics I	ECON 2P22: Intermediate Macroeconomics I	NONE	ECON 2016 Intermediate Macroeconomics I	NONE	ECON 222 Macroeconomic Theory I	NONE	Should be the same as ONTransfer.ca	AP/ECON 2400 Intermediate Macroeconomic Theory I
ECON 2030 Intermediate Microeconomics II	ECON 3P21 Intermediate Microeconomics II	NONE	ECON 2007E Intermediate Microeconomics II	NONE	Would be assessed on a student by student basis	NONE	Should be the same as ONTransfer.ca	AP/ECON 2350 Intermediate Microeconomic Theory II
ECON 2103 Intermediate Macroeconomics II	ECON 3P22 Intermediate Macroeconomics II	NONE	ECON 2017 Intermediate Macroeconomics II	NONE	Would be assessed on a student by student basis	NONE	Should be the same as ONTransfer.ca	AP/ECON 2450 Intermediate Macroeconomic Theory II
MATH / ECON 1402 Elementary Mathematics for Econ II	ECON 2P30: Foundations of Economic Analysis OR MATH 1P97 Calculus with Applications	NONE	No info supplied	NONE	Would have to be assessed by MATH Dept.	NONE	Should be the same as ONTransfer.ca	AP/ECON 1540 Intro Mathematics for Economists II
ECON 2201 Statistical Methods in Economics and Business I	MATH 1P98 Practical Statistics	NONE	No info supplied	NONE	ECON 250 Introductory Statistics	NONE	Should be the same as ONTransfer.ca	AP/ECON 2500 Introductory Statistics for Economists I
ECON 2202 Statistical Methods in Economics and Business II	ECON 2P90: Introduction to Econometrics	NONE	No info supplied	NONE	ECON 250 Introductory Statistics	NONE	Should be the same as ONTransfer.ca	AP/ECON 3480 Intro Statistics for Economists II

Carleton	Course Equivalencies							
	Brock		Laurentian		Queen's		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
ECON 2400 Mathematical Methods of Economics	ECON 3Q91 Mathematical Methods in Economics	NONE	ECON 2127E Introduction to the Mathematical Treatment of Economics	NONE	ECON 255 Introduction to Mathematical Economics	ECON 255 Intro Mathematical Economics	Should be the same as ONTransfer.ca	AP/ECON 3530 Intermediate Mathematics for Economists

Laurentian	Course Equivalencies							
	Brock		Carleton		Queen's		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1								
ECON 1006 Introduction to Microeconomics	ECON 1P91: Introduction to Microeconomic Principles	NONE	ECON 1001 Intro to Microeconomics; ECON 1006 + ECON 1007 = ECON 1000 Introduction to Economics	NONE	ECON 111 Introductory Microeconomics	NONE	Should be the same as ONTransfer.ca	AP/ECON 1000 Intro to Microeconomics
ECON 1007 Introduction to Macroeconomics	ECON 1P92: Introduction to Macroeconomic Principles	NONE	ECON 1002 Intro to Macroeconomics; L's ECON 1006 + ECON 1007 = ECON 1000 Introduction to Economics	ECON 1002 Intro to Macroeconomics	ECON 112 Introductory Macroeconomics	NONE	Should be the same as ONTransfer.ca	AP/ECON 1010 Intro to Macroeconomics
ECON 2006E Intermediate Microeconomics I	ECON 2P21: Intermediate Microeconomics I	NONE	ECON 2020 Intermediate Microeconomics I: Prod & Market	NONE	Would be assessed on a student by student basis	NONE	Should be the same as ONTransfer.ca	AP/ECON 2300 Intermediate Microeconomic Theory I
ECON 2007E Intermediate Microeconomics II	ECON 3P21 Intermediate Microeconomics II	NONE	ECON 2020 Intermediate Microeconomics I: Prod & Market	ECON 2020 Intermediate Microeconomics I: Prod & Market	Would be assessed on a student by student basis	NONE	Should be the same as ONTransfer.ca	AP/ECON 2350 Intermediate Microeconomic Theory II
ECON 2127E Introduction to the Mathematical Treatment of Economics	No info supplied	NONE	ECON 1401 Elementary Mathematics for Economics I	NONE	Would be assessed on a student by student basis	NONE	Should be the same as ONTransfer.ca	AP/ECON 1530 Intro Mathematics for Economists I
ECON 2136E Statistical Methods for Economics	ECON 2P90: Introduction to Econometrics	NONE	ECON 2202 Statistical Methods in Economics and Business II	NONE	Would be assessed on a student by student basis	NONE	Should be the same as ONTransfer.ca	AP/ECON 3210 Use of Economic Data
STAT 1056E Business Statistics	MATH 1P98 Practical Statistics	MATH 1P98 Practical Statistics	STAT 2606 Business Statistics I	NONE	No info supplied	COMM 2UNS (unspecified)	Should be the same as ONTransfer.ca	AP/POLS 2300 Introduction to Empirical Theory
Year 2								
STAT 2126E Introduction to Statistics	MATH 1P98 Practical Statistics	MATH 1P98 Practical Statistics or PSYC 2F23 Stats & Research Design Behavioural Science	STAT 2507 Introduction to Statistical Modeling I	NONE	Would have to be assessed by MATH Dept.	NONE	Should be the same as ONTransfer.ca	AP/ECON 2500 Introductory Stats for Economists I or AP/POLS 3300 Statistics for Social Science or HH/PSYC 2021 Statistical Methods I

Laurentian	Course Equivalencies							
	Brock		Carleton		Queen's		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
ECON 2016 Intermediate Macroeconomics I (taken 3rd year)	ECON 2P22: Intermediate Macroeconomics I	NONE	ECON 2102 Intermediate Macroeconomics I	NONE	Would be assessed on a student by student basis	NONE	Should be the same as ONTransfer.ca	AP/ECON 2400 Intermediate Macroeconomic Theory I
ECON 2017 Intermediate Macroeconomics II (taken 3rd year)	ECON 3P22 Intermediate Macroeconomics II	NONE	ECON 2103 Intermediate Macroeconomics II	NONE	Would be assessed on a student by student basis	NONE	AP/ECON 2400 Intermediate Macroeconomic Theory I	AP/ECON 2400 Intermediate Macroeconomic Theory I

Queen's	Course Equivalencies							
	Brock		Carleton		Laurentian		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1								
ECON 110 Principles of Economics (or ECON 111 + 112)	ECON 1P91: Introduction to Microeconomic Principles + ECON 1P92: Introduction to Macroeconomic Principles	NONE	ECON 1000 Introduction to Economics (ECON 111 + 112 = Carleton's ECON 1000)	ECON 1000 Introduction to Economics	ECON 1005 Introduction to Economics	NONE	Should be the same as ONTransfer.ca	AP/ECON 1000 Introduction to Microeconomics + AP/ECON 1010 Introduction to Macroeconomics
ECON 111 Introductory Microeconomics	ECON 1P91: Introduction to Microeconomic Principles	NONE	No info supplied	ECON 1001 Intro to Economics: Microeconomics	No info supplied	ECON 1006 Intro to Microeconomics	AP/ECON 1000 Introduction to Microeconomics	NONE
ECON 112 Introductory Macroeconomics	ECON 1P92 Principles of Macroeconomics	ECON 1P92 Principles of Macroeconomics	No info supplied	ECON 1002 Intro to Economics: Macroeconomics	No info supplied	ECON 1007 Intro to Macroeconomics	AP/ECON 1010 Introduction to Macroeconomics	(Glendon equivalency only)
MATH 120 Differential and Integral Calculus	No info supplied	NONE	No info supplied	MATH 1002 Calculus and Introductory Analysis I	No info supplied	NONE	AP/MATH 1300 Differential Calculus with Applications + AP/MATH 1310 Integral Calculus with Applications	NONE
MATH 121 Differential and Integral Calculus	No info supplied	NONE	No info supplied	MATH 200X or MATH 1004 Calculus for Eng or Physics	No info supplied	NONE	Should be the same as ONTransfer.ca	SC/MATH 1013 Applied Calculus I + 1014 Applied Calculus II
MATH 123 Differential and Integral Calculus I	No info supplied	NONE	No info supplied	MATH 1007 Elementary Calculus I	No info supplied	NONE	AP/MATH 1013 Applied Calculus I	NONE
MATH 124 Differential and Integral Calculus II	No info supplied	NONE	No info supplied	MATH 200X	No info supplied	NONE	AP/MATH 1014 Applied Calculus II	NONE
MATH 126 Differential and Integral Calculus	No info supplied	NONE	No info supplied	MATH 200X; MATH 1007 Elementary Calculus I; MATH 1009 Calculus with Applic. to Business	No info supplied	MATH 1036 Calculus I + 1037 Calculus II	AP/MATH 1505 Mathematics for the Life and Social Sciences	NONE

Queen's	Course Equivalencies							
	Brock		Carleton		Laurentian		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 2								
ECON 212 Microeconomic Theory I	ECON 2P21: Intermediate Microeconomics I	NONE	ECON 2002 Intermediate Microeconomics I	ECON 2002 Intermediate Microeconomics I: Prod & Market	No info supplied	NONE	AP/ECON 2300 Introductory Microeconomic Theory I	NONE
ECON 222 Macroeconomic Theory I	ECON 2P22 Intermediate Macroeconomics I	ECON 2P22 Intermediate Macroeconomics I	ECON 2102 Intermediate Macroeconomics I	ECON 2102 Intermediate Macroeconomics I	No info supplied	NONE	AP/ECON 2400 Introductory Macroeconomic Theory I	NONE
ECON 250 Introductory Statistics	MATH 1P98 Practical Statistics	NONE	ECON 2201 Statistical Methods in Economics and Business I	NONE	ECON 2136E Statistical Methods for Economics	NONE	Should be the same as ONTransfer.ca	AP/ADMS 2320 Quantitative Methods I
STAT 263 Introduction to Statistics	MATH 1P98 Practical Statistics	NONE	No info supplied	STAT 2507 Intro to Stat Modelling I	No info supplied	STAT 2126 Introduction to Statistics	Should be the same as ONTransfer.ca	HH/PSYC 2021 Statistical Methods I or HH/KINE 2049 Research Methods in Kinesiology
ECON 255 Introduction to Mathematical Economics	ECON 2P30: Foundations of Economic Analysis	NONE	ECON 2400 Mathematical Methods of Economics	ECON 1402 Elementary Math. for Econ II	ECON 2127E Introduction to the Mathematical Treatment of Economics	NONE	AP/ECON 1540 Introductory Mathematical Economics II	NONE

York	Course Equivalencies							
	Brock		Carleton		Laurentian		Queen's	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1								
ECON 1000 Introduction to Microeconomics	ECON 1P91 Principles of Microeconomics	ECON 1P91 Principles of Microeconomics	ECON 1001 Intro to Economics: Microeconomics; ECON 1000 + 1010 = Carleton's ECON 1000)	NONE	ECON 1006 Introduction to Microeconomics	NONE	ECON 111 Introductory Microeconomics	NONE
ECON 1010 Introduction to Macroeconomics	ECON 1P92 Principles of Macroeconomics	ECON 1P92 Principles of Macroeconomics	ECON 1002 Intro to Economics: Macroeconomics; ECON 1000 + 1010 = Carleton's ECON 1000)	NONE	ECON 1007 Introduction to Macroeconomics	NONE	ECON 112 Introductory Macroeconomics	ECON 112 Introductory Macroeconomics
ECON 1530 Introductory Mathematical Economics I	MATH 1P97 Calculus with Applications	NONE	ECON 1401 Elementary Mathematics for Economics I or 2400 Mathematical Methods of Economics	NONE	No info supplied	NONE	ECON 2UNS	NONE

York	Course Equivalencies							
	Brock		Carleton		Laurentian		Queen's	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
ECON 1540 Introductory Mathematical Economics II	ECON 2P30: Foundations of Economic Analysis	NONE	ECON 1402 Elementary Math for Econ II	NONE	No info supplied	NONE	ECON 255 Intro Mathematical Economics	ECON 255 Intro Mathematical Economics
Year 2								
ECON 2300 Intermediate Microeconomic Theory I	ECON 2P21: Intermediate Microeconomics I	NONE	ECON 2002 Intermediate Microeconomics I	NONE	ECON 2006E Intermediate Microeconomics I	ECON 2005	ECON 212 Microeconomic Theory I	NONE
ECON 2350 Intermediate Microeconomic Theory II	ECON 3P21 Intermediate Microeconomics II	NONE	ECON 2003	ECON 2020 Intermediate Microeconomics I: Prod & Market	ECON 2007E Intermediate Microeconomics II	NONE	Would be assessed on a student by student basis	NONE
ECON 2400 Intermediate Macroeconomic Theory I	ECON 2P22: Intermediate Macroeconomics I	NONE	ECON 2102 Intermediate Macroeconomics I	ECON 2102 Intermediate Macroeconomics I	ECON 2016 Intermediate Macroeconomics I	ECON 2015	ECON 222 Macroeconomic Theory I	NONE
ECON 2450 Intermediate Macroeconomic Theory II	ECON 3P22 Intermediate Macroeconomics II	NONE	ECON 2103 Intermediate Macroeconomics II	ECON 2103 Intermediate Macroeconomics II	ECON 2017 Intermediate Macroeconomics II	NONE	Would be assessed on a student by student basis	NONE
ECON 2500 Introductory Statistics for Economists I	MATH 1P98 Practical Statistics	NONE	ECON 2201 Statistical Methods in Economics and Business I	NONE	ECON 2126 Elementary Statistical Methods for Economists	ECON 2126 Elementary Statistical Methods for Economists	ECON 250 Introductory Statistics	NONE

English

Degree to Degree Transfer Project – ENGLISH – Course Equivalencies

Yellow highlighting = mismatch of data

Blue highlighting = new information not yet in ONTransfer.ca

Purple highlighting = new equivalencies created by project work

Beige highlighting = a core course

Brock	Existing Course Equivalencies at Other Institutions									
	Carleton		Guelph		Queen's		Waterloo		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1										
ENGL 1F91 English Literature: Tradition and Innovation	No info provided	ENGL 1XXX	ENGL 1080 Literatures in English I + ENGL 2080 Literatures in English II	NONE	ENGL 200 History of Literature in English	NONE	ENGL 1XXX	NONE	No info provided	AP/EN 1001 (half credit only?)
ENGL 1F95 Literature in English: Forms, Themes and Approaches	No info provided	ENGL 1000 Literature, Genre, Context	ENGL 1200 Reading the Contemporary World + ENGL 9110 Generic 100-level ENGL credit	NONE	ENGL 100 Introduction to Literary Study	ENGL 100 Introduction to Literary Study	ENGL 1XXX	NONE	No info provided	AP/EN 1002 (half credit only?)
ENGL 1F97 Literature of Trauma and Recovery	No info provided	ENGL 1XXX	ENGL 9110 + ENGL 9110 Generic 100-level ENGL credit	NONE	UNSP1UNS [would be treated as elective, not part of major plan]	NONE	ENGL 1XXX	NONE	No info provided	AP/EN 1***
Year 2										
ENGL 2P10 Young People's Literature to 1914	ENGL 2XXX	NONE	ENGL 2740 Children's Literature	NONE	ENGL2UNS (3.0)	NONE	ENGL 208C Studies in Children's Literature	NONE	AP/EN 3173 Children's Literature 1590-1900	AP/EN 3173 Children's Literature 1590-1900
ENGL 2P11 Young People's Literature after 1914	ENGL 2XXX	NONE	ENGL 2740 Children's Literature [or ENGL 9210 Generic 200-level ENGL credit]	NONE	ENGL2UNS (3.0)	NONE	ENGL 208C Studies in Children's Literature	NONE	No info provided	AP/EN 3172 Apocalyptic Science Fiction [seems like a mismatch]
ENGL 2P15 Speculative Fiction	ENGL 2107 Science Fiction	NONE	ENGL 2920 Creative Writing Fiction	NONE	ENGL2UNS (3.0)	NONE	ENGL 208A Forms of Fantasy	NONE	No info provided	AP/EN 2***
ENGL 2P56 The Short Story	ENGL 2XXX	NONE	ENGL 9210 Generic 200-level ENGL credit	NONE	ENGL 234 The Short Story in English	NONE	ENGL 201 The Short Story	NONE	AP/EN 2***	NONE
ENGL 2P64 Early Canadian Literature	ENGL 2XXX; but ENGL 2P64 + 2P65 = ENGL 2802 Canadian Literatures	NONE	ENGL 3630 Writing Canada: Forging the Nation	NONE	ENGL2UNS (3.0)	NONE	ENGL 313 Early Canadian Literature	NONE	No info provided	AP/EN 2220 Canadian Literature
ENGL 2P65 Modern Canadian Literature	ENGL 2XXX; but ENGL 2P64 + 2P65 = ENGL 2802 Canadian Literatures	NONE	ENGL 3670 Twentieth-Century Canadian Literature and Criticism	NONE	ENGL2UNS (3.0)	NONE	ENGL 315 Modern Canadian Literature	NONE	No info provided	AP/EN 2220 Canadian Literature
ENGL 2P66 Contemporary Canadian Literature	ENGL 2XXX	NONE	ENGL 3680 20th- & 21st-Century Canadian Lit. and Criticism	NONE	ENGL2UNS (3.0)	NONE	ENGL 318 Contemporary Canadian Literature	NONE	AP/EN 2***	AP/EN 2***
ENGL 2P70 Introduction to Literary Theory	ENGL 2005 Theory and Criticism	NONE	ENGL 2120 Critical Practices	NONE	ENGL2UNS (3.0)	NONE	ENGL 251A Criticism 1	NONE	No info provided	AP/EN 2001 Literary Theory I
ENGL 2P80 Shakespeare 1590-1603	ENGL 2XXX	NONE	ENGL 3020 Shakespearean Contexts	NONE	ENGL 257 Elizabethan Shakespeare	NONE	ENGL 362 Shakespeare 1	NONE	No info provided	AP/EN 2***

Brock	Existing Course Equivalencies at Other Institutions									
	Carleton		Guelph		Queen's		Waterloo		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
ENGL 2P81 Shakespeare 1603-1614	ENGL 2XXX	NONE	ENGL 3120 Shakespearean Receptions	NONE	ENGL 258 Jacobean Shakespeare	NONE	ENGL 363 Shakespeare 2	NONE	No info provided	AP/EN 2***
ENGL 2P82 Shakespeare's Comedies	ENGL 2XXX	NONE	ENGL 9210 Generic 200-level ENGL credit	NONE	ENGL2UNS (3.0)	NONE	ENGL 36X	NONE	AP/EN 2140 Drama	AP/EN 2140 Drama
ENGL 2P83 Shakespeare's Tragedies	ENGL 2XXX	NONE	ENGL 9210 Generic 200-level ENGL credit	NONE	ENGL2UNS (3.0)	NONE	ENGL 36X	NONE	No info provided	AP/EN 2***

Carleton	Existing Course Equivalencies at Other Institutions									
	Brock		Guelph		Queen's		Waterloo		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1										
FYSM 1004 Literature, Genre, Context	ENGL 1F95 Literature in English: Forms, Themes and Approaches	NONE	ENGL 1080 Literatures in English I + ENGL 2080 Literatures in English II	NONE	ENGL 100 Intro to Literary Study	NONE	No info provided	NONE	AP/EN 1***	NONE
ENGL 1000 Literature, Genre, Context	ENGL 1F95 Literature in English: Forms, Themes and Approaches	NONE	ENGL 1080 Literatures in English I + ENGL 2080 Literatures in English II	NONE	No info provided	ENGL 1UNS (unspecified)	ENGL 1XX	NONE	EN 1001 An Intro to Literary Study + 1002 Intertextualities	EN 1001 An Intro to Literary Study + 1002 Intertextualities
ENGL 1005 Writing and Language	ENGL 1F95 Literature in English: Forms, Themes and Approaches or ENGL 1P80 Academic Writing	NONE	ENGL 9110 + ENGL 9110 Generic 100-level ENGL credits	NONE	No info provided	NONE	No info provided	NONE	No info provided	AP/EN 1001 An Intro to Literary Study
ENGL 1010 Essay Writing	No info provided	NONE	ENGL 9110 + ENGL 9110 Generic 100-level ENGL credits	NONE	No info provided	NONE	No info provided	NONE	No info provided	AP/EN 1002 Intertextualities
Year 2										
ENGL 2300 British Literatures I	ENGL 2P51 Literature of the British Empire	NONE	ENGL 3280 Old English Lit + ENGL 3170 Elizabethan Literary Culture	NONE	ENGL 200 History of Literature in English	NONE	ENGL 200A Survey of British Literature 1	NONE	AP/EN 2***	AP/EN 2***
ENGL 3502 British Literatures II (usually taken in Year 3)	No info provided	NONE	ENGL 9310 generic ENGL credit	NONE	ENGL 200 History of Literature in English; if ENGL 2300 is also being transferred, ENGL 2UNS would be granted	NONE	ENGL 200B Survey of British Literature 2	NONE	AP/EN 2***	NONE
ENGL 2802 Canadian Literatures	ENGL 2P64 Early Canadian Literature	NONE	ENGL 2550 North Am Native Literatures + ENGL 2640 Culture, Location, Identity: Minoritized Literatures in Canada and Beyond	NONE	ENGL 215 Canadian Literature	ENGL 215 Canadian Literature	ENGL 214 Themes in Canadian Literature	NONE	AP/EN 2220 Canadian Literature	AP/EN 2220 Canadian Literature

Carleton	Existing Course Equivalencies at Other Institutions									
	Brock		Guelph		Queen's		Waterloo		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
1.0 credit from various post-colonial courses:										
ENGL 2005 Theory and Criticism	ENGL 2P70 Introduction to Literary Theory	NONE	ENGL 2120 Seminar: Critical Practices	NONE	ENGL2UNS (3.0)	NONE	ENGL 251A Criticism 1	NONE	AP/EN 2001 Literary Theory I	AP/EN 2001 Literary Theory I
ENGL 2700 American Literature I	ENGL 2P60 American Literature: 1800-1865	NONE	ENGL 3540 Writing in the United States	NONE	ENGL2UNS (3.0)	NONE	ENGL 342 American Literature to 1860	NONE	AP/EN 2***	AP/EN 2***
ENGL 2701 American Literatures II	ENGL 2***	NONE	ENGL 3550 Modern US Literatures	NONE	ENGL2UNS (3.0)	NONE	ENGL 343 American Literature 1860-1910	NONE	No info provided	AP/EN 2***
ENGL 2908 Celtic Literatures	No equivalent	NONE	ENGL 3360 Scottish Literary Cultures	NONE	ENGL2UNS (3.0)	NONE	ENGL 260 Irish Literature and the "Troubles"	NONE	No info provided	AP/EN 2***
ENGL 2926 African Literatures I	No equivalent	NONE	ENGL 9210 Generic 200-level ENGL credit	NONE	ENGL2UNS (3.0)	NONE	ENGL 2XX	NONE	No info provided	AP/EN 2***
ENGL 2927 African Literatures II	No equivalent	NONE	ENGL 9210 Generic 200-level ENGL credit	NONE	ENGL2UNS (3.0)	NONE	ENGL 2XX	NONE	No info provided	AP/EN 2***
ENGL 2936 South Asian Literatures I	No equivalent	NONE	ENGL 9210 Generic 200-level ENGL credit	NONE	ENGL2UNS (3.0)	NONE	ENGL 2XX	NONE	No info provided	AP/EN 3430 South Asian Literature
ENGL 2937 South Asian Literatures II	No equivalent	NONE	ENGL 9210 Generic 200-level ENGL credit	NONE	ENGL2UNS (3.0)	NONE	ENGL 2XX	NONE	No info provided	AP/EN 3430 South Asian Literature
ENGL 2956 Literatures of the Americas I	No equivalent	NONE	ENGL 9210 Generic 200-level ENGL credit	NONE	ENGL2UNS (3.0)	NONE	ENGL 2XX	NONE	No info provided	AP/EN 2***
ENGL 2957 Literatures of the Americas II	ENGL 2***	NONE	ENGL 2200 Postcolonial Literatures	NONE	ENGL2UNS (3.0)	NONE	ENGL 2XX	NONE	No info provided	AP/EN 2***
Other Year 2 courses:										
ENGL 2011 Children's Literature	ENGL 2P10 Young People's Literature to 1914	NONE	ENGL 2740 Children's Literature	NONE	ENGL 237 Children's Literature	NONE	ENGL 208C Studies in Children's Literature	NONE	No info provided	AP/EN 3173 Children's Literature, 1590 - 1900
ENGL 2107 Science Fiction	ENGL 2***	NONE	ENGL 2920 Creative Writing Fiction	NONE	ENGL2UNS (3.0)	NONE	ENGL 208B Science Fiction	NONE	No info provided	AP/EN 3172 Apocalyptic Science Fiction
ENGL 3304 Shakespearean Drama	One of ENGL 2P80 Shakespeare 1590-1603 OR 2P81 Shakespeare 1603-1614 OR 2P82 Shakespeare's Comedies OR 2P83 Shakespeare's Tragedies	NONE	No info provided	NONE	ENGL 256 Shakespeare	NONE	No info provided	NONE	No info provided	NONE
ENGL 236 Shakespeare	No info provided	NONE	No info provided	NONE	ENGL2UNS (3.0)	NONE	ENGL 290 Global Shakespeare	NONE	AP/EN 3535 Shakespeare	AP/EN 3535 Shakespeare

Guelph	Existing Course Equivalencies at Other Institutions									
	Brock		Carleton		Queen's		Waterloo		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1										
ENGL 1080 Literatures in English I	ENGL 1***	Year 1 credit from ENGL or HUMA	No info provided	ENGL 1XXX	ENGL1UNS (3.0) [Note: Majors would have to retake ENGL 100 because it is a full-year course and Queen's has not first-year half courses]	NONE	ENGL 101A Intro to Literary Study	NONE	AP/EN 1001 An Intro to Literary Study	AP/EN 1001 An Intro to Literary Study
ENGL 1200 Reading the Contemporary World	ENGL 1***	Year 1 credit from ENGL	No info provided	ENGL 1XXX	UNSP1UNS (3.0)	NONE	ENGL 1XX	NONE	AP/EN 1002 Intertextualities	AP/EN 1002 Intertextualities
ENGL 1410 Major Writers	ENGL 1***	NONE	No info provided	ENGL 1XXX	UNSP1UNS (3.0)	NONE	ENGL 1XX	NONE	AP/EN 1***	AP/EN 1***
Year 2										
ENGL 2080 Literatures in English II	ENGL 1***	NONE	ENGL 2XXX	NONE	ENGL2UNS (3.0) [Note: Majors would have to retake ENGL 200 because it is a full course only.]	NONE	No information provided	ENGL 2XX	AP/EN 2001 Literary Theory I	AP/EN 2001 Literary Theory I
ENGL 2120 Seminar: Critical Practices	ENGL 2***	NONE	ENGL 2005 Theory and Criticism	NONE	ENGL2UNS (3.0)	NONE	ENGL 251B Criticism II	ENGL 251B Criticism II	AP/EN 2002 Literary Theory II	AP/EN 2002 Literary Theory II
ENGL 2130 Literature and Social Change (various)	ENGL 2*** or ENGL 3***	NONE	ENGL 2XXX	NONE	ENGL2UNS (3.0)	NONE	ENGL 2XX	ENGL 2XX	AP/EN 2***	AP/EN 2***
ENGL 2740 Children's Literatures	ENGL 2P10 Young People's Literature to 1914 or ENGL 2***	NONE	ENGL 2011 Children's Literature	NONE	ENGL 237 Children's Literature	NONE	ENGL 208C Studies in Children's Literature	NONE	AP/EN 3174 20th Century Children's Literature	AP/EN 3174 20th Century Children's Literature

Queen's	Existing Course Equivalencies at Other Institutions									
	Brock		Carleton		Guelph		Waterloo		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1										
ENGL 100 Intro to Literary Study	ENGL 1F95 Literature in English: Forms, Themes and Approaches or ENGL 1***	NONE	No info provided	ENGL 1000 Literature, Genre, Context	ENGL 1080 Literatures in English I + ENGL 2080 Literatures in English II	NONE	ENGL 101A + ENGL 1XX	NONE	AP/EN 1001 An Intro to Literary Study + 1002 Intertextualities	AP/EN 1001 An Intro to Literary Study + 1002 Intertextualities
ENGL 112 Intro to the Study of World Literature	No info provided	NONE	No info provided	NONE	No info provided	NONE	ENGL 101A Intro to Literary Study	NONE	No info provided	NONE
ENGL 110 Intro to the Study of Literature in English	ENGL 1F91 English Literature: Tradition and Innovation	NONE	No info provided	NONE	No info provided	NONE	ENGL 200A + 200B Survey of British Literature 1&2	NONE	No info provided	NONE
ENGL 160 Modern Prose Fiction	ENGL 1***	NONE	No info provided	ENGL 1XXX	ENGL 1200 Reading the Contemporary World + ENGL 9110 Generic 100-level ENGL credit	NONE	No info provided	NONE	No info provided	NONE
Year 2										
ENGL 200 History of Literature in English	ENGL 1F95 Literature in English: Forms, Themes and Approaches	NONE	ENGL 2XXX	NONE	ENGL 9210 + ENGL 9210 Generic 200-level ENGL credits	NONE	ENGL 200A + 200B Survey of British Literature 1 & 2	ENGL 200A + 200B Survey of British Literature 1 & 2	AP/EN 2250 Introduction to British Literature	NONE
ENGL 290 Seminar in Literary Interpretation	ENGL 2***	NONE	ENGL 2XXX	NONE	ENGL 2120 Seminar Critical Practices	NONE	NONE	ENGL 2XXX	AP/EN 2***	NONE

ENGL 215 Canadian Literature	ENGL 2P66 Contemporary Canadian Lit	NONE	ENGL 2802 Canadian Literatures	NONE	ENGL 3630 Writing Canada + ENGL 3680 20th and 21st Century Canadian Lit and Criticism	NONE	ENGL 214 Themes in Canadian Literature	NONE	AP/EN 2***	NONE
ENGL 234 The Short Story in English	ENGL 2P56 The Short Story	NONE	ENGL 2XXX	NONE	ENGL 9210 Generic 200-level ENGL credit	NONE	ENGL 2XX	NONE	AP/EN 2***	NONE
ENGL 237 Children's Literature	ENGL 2P10 Young People's Literature to 1914 OR 2P11 Young People's Literature after 1914	NONE	ENGL 2011 Children's Literature	NONE	ENGL 2740 Children's Literature	NONE	ENGL 208C Studies in Children's Literature	NONE	AP/EN 2***	NONE
ENGL 256 Shakespeare	No info provided	NONE	ENGL 3304 Shakespearean Drama	NONE	ENGL 3020 Shakespearean Contexts + ENGL 3120 Shakespearean Receptions	NONE	ENGL 290 Global Shakespeare	NONE	AP/EN 2***	NONE
ENGL 273 Literature and the Fantastic	ENGL 2P15 Speculative Fiction	NONE	ENGL 2XXX	NONE	ENGL 2230 Popular Genres	NONE	ENGL 208A Forms of Fantasy	NONE	AP/EN 2***	NONE

Waterloo	Existing Course Equivalencies at Other Institutions									
	Brock		Carleton		Guelph		Queen's		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1										
ENGL 100A Fiction	2 of these courses (100A, B, C) would likely be counted as 1F95; only 1 would likely not have an equivalent	NONE	No info provided	ENGL 1XXX	ENGL 2920 Creative Writing Fiction	NONE	UNSP1UNS (3.0)	NONE	AP/EN 1***	NONE
ENGL 100B Poetry	2 of these courses (100A, B, C) would likely be counted as 1F95; only 1 would likely not have an equivalent	NONE	No info provided	ENGL 1XXX	ENGL 2940 Creative Writing Poetry	NONE	UNSP1UNS (3.0)	NONE	No info provided	AP/EN 1***
ENGL 100C Drama	2 of these courses (100A, B, C) would likely be counted as 1F95; only 1 would likely not have an equivalent	NONE	No info provided	ENGL 1XXX	ENGL 9110	NONE	UNSP1UNS (3.0)	NONE	No info provided	AP/EN 1***
ENGL 101A Introduction to Literary Studies	ENGL 1***	NONE	No info provided	ENGL 1XXX	ENGL 1080 Literatures in English I	NONE	ENGL1UNS (3.0)	NONE	AP/EN 1001 An Intro to Literary Studies	NONE
ENGL 101B Introduction to Rhetorical Studies	ENGL 1F95 Literature in English: Forms, Themes and Approaches or ENGL 1***	Year 1 credit ENGL	No info provided	ENGL 1XXX	ENGL 9110	NONE	UNSP1UNS (3.0)	NONE	AP/EN 1002 Intertextualities	AP/EN 1002 Intertextualities
ENGL 190 Shakespeare	ENGL 1*** or ENGL 2***	ENGL 1F91 English Literature or Year 1 credit ENGL	No info provided	ENGL 1XXX	ENGL 3020 Shakespearean Contexts	NONE	UNSP1UNS (3.0)	NONE	AP/EN 3535 Shakespeare	AP/EN 3535 Shakespeare
ENGL 102B The Major Forms of Lit: Novels and Poetry	ENGL 1*** or ENGL 1F95 Literature in English or ENGL 1F91 English Literature	Year 1 credit ENGL	No info provided	ENGL 1XXX	Declined to evaluate: not in current academic calendar	NONE	Couldn't find course description so couldn't assess	NONE	AP/EN 1001 An Intro to Literary Study	AP/EN 1001 An Intro to Literary Study

Waterloo	Existing Course Equivalencies at Other Institutions									
	Brock		Carleton		Guelph		Queen's		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
ENGL 105A 20th Century Literature	ENGL 1***	NONE	No info provided	ENGL 1XXX	Declined to evaluate: not in current academic calendar	NONE	UNSP1UNS (3.0)	NONE	AP/EN 3130 Modernisms	AP/EN 3130 Modernisms
Year 2										
ENGL 200A Survey of British Literature 1	ENGL 2***	NONE	ENGL 2XXX	NONE	ENGL 3560 Medieval Literature	NONE	ENGL2UNS (3.0); If ENGL 200A + 200B both transferred, would satisfy Queen's ENGL 200 core requirement.]	NONE	AP/EN 2***	NONE
ENGL 200B Survey of British Literature 2	No equivalent	NONE	ENGL 2XXX	NONE	ENGL 3320 Romanticism to Victorianism	NONE	ENGL2UNS (3.0); If ENGL 200A + 200B both transferred, would satisfy Queen's ENGL 200 core requirement.]	NONE	AP/EN 2***	NONE
ENGL 251A Criticism I	ENGL 2*** or ENGL 2P70 Intro to Literary Theory	NONE	ENGL 2XXX	NONE	ENGL 2120 Seminar Critical Practices	NONE	ENGL2UNS (3.0); If ENGL 251A + 251B both transferred, will be granted ENGL 292 Introduction to Literary Criticism and Theory	NONE	EN 2000 Literary Theory	EN 2000 Literary Theory
ENGL 251B Criticism II	ENGL 2***	NONE	ENGL 2005 Theory and Criticism	NONE	ENGL 2120 Seminar Critical Practices [or ENGL 9210]	NONE	ENGL2UNS (3.0); If ENGL 251A + 251B both transferred, will be granted ENGL 292 Introduction to Literary Criticism and Theory	NONE	EN 2000 Literary Theory	EN 2000 Literary Theory
ENGL 201 The Short Story	ENGL 2***	NONE	ENGL 2XXX	NONE	ENGL 9210	NONE	ENGL 234 The Short Story in English	NONE	No info provided	AP/EN 2***
ENGL 205 The Canadian Short Story	One of ENGL 2P64 Early Canadian Literature OR 2P65 Modern Canadian Literature OR 2P66 Contemporary Canadian Literature	NONE	ENGL 2XXX	NONE	ENGL 3630 Writing Canada	NONE	ENGL2UNS (3.0)	NONE	AP/EN 2***	NONE
ENGL 208A Forms of Fantasy	ENGL 1*** or 2***	ENGL Year 1 level credit	ENGL 2XXX	NONE	ENGL 2230 Popular Genres	NONE	ENGL 273 Literature and the Fantastic	NONE	No info provided	AP/EN 2***
ENGL 208B Science Fiction	ENGL 1***	ENGL Year 1 level credit	ENGL 2107 Science Fiction	NONE	ENGL 9210	NONE	ENGL2UNS (3.0)	NONE	No info provided	AP/EN 2***
ENGL 208C Studies in Children's Literature	ENGL 2***	ENGL Year 2 level credit	ENGL 2011 Children's Literature	NONE	ENGL 2740 Children's Literature	NONE	ENGL 237 Children's Literature	NONE	AP/EN 3174 20th Century Children's Literature	NONE
ENGL 214 Themes in Canadian Literature	One of ENGL 2P64 Early Canadian Literature OR 2P65 Modern Canadian Literature OR 2P66 Contemporary Canadian Literature	NONE	ENGL 2XXX	NONE	ENGL 3630 Writing Canada	NONE	ENGL2UNS (3.0)	NONE	AP/EN 2220 Canadian Literature	AP/EN 2220 Canadian Literature

Waterloo	Existing Course Equivalencies at Other Institutions									
	Brock		Carleton		Guelph		Queen's		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
ENGL 215 Canadian Regional Literature	One of ENGL 2P64 Early Canadian Literature OR 2P65 Modern Canadian Literature OR 2P66 Contemporary Canadian Literature	NONE	ENGL 2XXX	NONE	ENGL 3630 Writing Canada	NONE	ENGL2UNS (3.0)	NONE	No info provided	AP/EN 2***
ENGL 216 Canadian Multicultural Literature	One of ENGL 2P64 Early Canadian Literature OR 2P65 Modern Canadian Literature OR 2P66 Contemporary Canadian Literature	NONE	ENGL 2XXX	NONE	ENGL 2640 Culture, Location, Identity: Minoritized Literatures in Canada	NONE	ENGL2UNS (3.0)	NONE	No info provided	AP/EN 2***
ENGL 290 Global Shakespeare	No equivalent	NONE	ENGL 2XXX	NONE	ENGL 3120 Shakespearean Receptions	NONE	ENGL 259 Global Shakespeare	NONE	No info provided	AP/EN 2***

York	Existing Course Equivalencies at Other Institutions									
	Brock		Carleton		Guelph		Queen's		Waterloo	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1										
AP/EN 1001 An Introduction to Literary Study	ENGL 1***	NONE	ENGL 1010 Essay Writing	NONE	ENGL 1080 Literatures in English I	NONE	UNSP1UNS (3.0) [Note: AP/EN 1001 + 1002 do not fulfill Queen's ENGL 100 core course.]	NONE	ENGL 1XX	NONE
AP/EN 1002 Intertextualities	ENGL 1***	NONE	ENGL 1XXX	NONE	ENGL 2080 Literatures in English II	NONE	UNSP1UNS (3.0) [Note: AP/EN 1001 + 1002 do not fulfill Queen's ENGL 100 core course.]	NONE	ENGL 1XX	NONE
Year 2										
AP/EN 2001 Literary Theory I	ENGL 2P70 Introduction to Literary Theory	NONE	No info provided	ENGL 2XXX	ENGL 2130 Seminar: Literature and Social Change	NONE	ENGL2UNS (3.0) [Note: AP/EN 2001 + 2002 would exclude Queen's ENGL 292 Introduction to Literary Criticism and Theory.]	ENGL2UNS (3.0)	ENGL 251A Criticism 1	NONE
AP/EN 2002 Literary Theory II	ENGL 2P70 Introduction to Literary Theory	NONE	No info provided	ENGL 2005 Theory and Criticism	ENGL 2120 Seminar: Critical Practices	NONE	ENGL2UNS (3.0) [Note: AP/EN 2001 + 2002 would exclude Queen's ENGL 292 Introduction to Literary Criticism and Theory.]	NONE	ENGL 251B Criticism 2	NONE
AP/EN 2220 Canadian Literature	One of ENGL 2P64 Early Canadian Literature OR 2P65 Modern Canadian Literature OR 2P66 Contemporary Canadian Literature	NONE	ENGL 2802 Canadian Literatures	NONE	ENGL 2550 North American Native Literatures + ENGL 2640 Culture, Location, Identity: Minoritized Literatures in Canada	NONE	ENGL 215 Canadian Literature	ENGL 215 Canadian Literature	No info provided	NONE

York	Existing Course Equivalencies at Other Institutions									
	Brock		Carleton		Guelph		Queen's		Waterloo	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
AP/EN 3173 Children's Literature, 1590-1900	ENGL 2P10 Young People's Literature to 1914		Either AP/EN 3173 or 3174 can be given ENGL 2011; if both taken, designate 3174 as ENGL 2XXX		ENGL 9310 generic ENGL credit		ENGL2UNS (3.0)	NONE	ENGL 208C Studies in Children's Literature	NONE
AP/EN 3174 20th Century Children's Literature	ENGL 2P11 Young People's Literature after 1914		Either AP/EN 3173 or 3174 can be given ENGL 2011; if both taken, designate 3174 as ENGL 2XXX		ENGL 2740 Children's Literature		ENGL2UNS (3.0)	NONE	ENGL 3XX	NONE
AP/EN 2130 The Short Story	ENGL 2P56 The Short Story		Declined to assess		ENGL 9210 Generic 200-level ENGL credit		ENGL 234 The Short Story	NONE	ENGL 201 The Short Story	NONE
AP/EN 3172 Apocalyptic Science Fiction	ENGL 2P13 Genre Studies		ENGL 2107 Science Fiction		ENGL 9310 Generic 300-level ENGL credit		ENGL2UNS (3.0)	NONE	ENGL 208B Science Fiction	NONE
AP/EN 3160 Literature of the Fantastic	ENGL 2P15 Speculative Fiction (and maybe 2P13 Genre Studies as well, since AP/EN 3160 is a full course)		ENGL 2XXX		ENGL 9310 Generic 300-level ENGL credit		ENGL 273 Literature and the Fantastic	NONE	ENGL 208A Forms of Fantasy	NONE
AP/EN 3535 Shakespeare	ENGL 2P80 Shakespeare 1590-1603 + 2P81 Shakespeare 1603-1614		ENGL 3304 Shakespearean Drama		ENGL 3020 Shakespearean Contexts		ENGL 326 Shakespeare and Renaissance Drama	NONE	ENGL 290 Global Shakespeare	NONE

History

Degree to Degree Transfer Project – HISTORY – Course Equivalencies

- Yellow highlighting = mismatch of data
- Blue highlighting = new information not yet in ONTransfer.ca
- Purple highlighting = new equivalencies created by project work
- Beige highlighting = a core course

Carleton	Course Equivalencies							
	Guelph		Queen's		Waterloo		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1								
HIST 1001 The Making of Europe	HIST 1010 The Early Modern World + HIST 1XXX	NO EQUIV LISTED	HIST 121 The Intellectual Origins of the Contemporary West	NO EQUIV LISTED	HIST 1XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 1010 War, Revolution and Society
HIST 1002 Europe in the 20th Century	HIST 1150 The Modern World + HIST 1XXX	NO EQUIV LISTED	HIST 125 The Evolution of Modern Europe	HIST 1LEC credit	HIST 102 War and Society in Europe 1914-1945 + HIST 1XX	HIST 102 War and Society in Europe 1914-1945 + HIST 1XX	Should be the same as ONTransfer.ca	AP/HIST 1010 War, Revolution and Society
HIST 1300 The Making of Canada	HIST 1XXX + HIST 1XXX	NO EQUIV LISTED	HIST 260 Canada from the Conquest to the Present; OR HIST 124 Canada in the World	HIST 260 Canada from the Conquest to the Present	HIST 1XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 2500 Canadian History
HIST 1707 World History	HIST 1XXX + HIST 1XXX	NO EQUIV LISTED	HIST 122 The Making of the Modern World	NO EQUIV LISTED	HIST 1XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 1010 War, Revolution and Society
Year 2								
HIST 2809 The Historian’s Craft	HIST 2450 The Practising Historian	NO EQUIV LISTED	HIST UNSP 2XX	NO EQUIV LISTED	HIST 250 Art & Craft of History	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 2***
HIST 2001 Early Medieval Europe	HIST 2XXX	NO EQUIV LISTED	With HIST 2002 = HIST 250 The Middle Ages	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 2220 Medieval and Early Modern Europe
HIST 2002 Later Medieval Europe	HIST 2200 The Medieval World	NO EQUIV LISTED	With HIST 2001 = HIST 250 The Middle Ages	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 2220 Medieval and Early Modern Europe
HIST 2005 England During the Middle Ages	HIST 2XXX + HIST 2XXX	NO EQUIV LISTED	HIST UNSP 2XX	NO EQUIV LISTED	HIST 211 British History to 1485	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 3220 Europe in the Middle Ages 300-1300
HIST 2204 Early Modern Europe 1350-1650	HIST 2XXX	NO EQUIV LISTED	HIST 255 Renaissance and Reformation Europe	NO EQUIV LISTED	HIST 262 Early Modern Europe	NO EQUIV LISTED	HIST 2220 Medieval and Early Modern Europe [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 2206 Early Modern Europe 1600-1800	No info provided	NO EQUIV LISTED	HIST UNSP 2XX	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 2220 Medieval and Early Modern Europe
HIST 2303 Canadian Political History	HIST 2100 Pre-Confederation Canada; HIST 2600 Post-Confederation Canada	NO EQUIV LISTED	HIST 260 Canada from the Conquest to the Present	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 4560 Canadian Political Parties
HIST 2304 Canadian Social History	HIST 2610 Contemporary Canadian Issues	NO EQUIV LISTED	HIST 260 Canada from the Conquest to the Present	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 4511 Themes in Canadian Social & Cultural History
HIST 2308 Colonial Latin America	HIST 2XXX	NO EQUIV LISTED	HIST 285 Latin America from 1850: The Colonial Experience	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 2721 Intro to Latin American History or 2710 History of East Asia [seems like a mismatch]
HIST 2309 Modern Latin America	HIST 2920 Republican Latin America	NO EQUIV LISTED	HIST 286 Latin America 1850-Today: The Modern Era	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	NO EQUIV LISTED

Carleton	Course Equivalencies							
	Guelph		Queen's		Waterloo		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
HIST 2401 History of the United States to 1865	HIST 2XXX	NO EQUIV LISTED	HIST 248 United States, Colonization to 1865	NO EQUIV LISTED	HIST 257 America from Slavery to Civil War [looks like course title changed]	HIST 257 America until 1877	HIST 2600 3.0 United States History [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 2402 History of the United States from 1865	HIST 2300 The United States since 1776	NO EQUIV LISTED	HIST 249 United States History, 1865-present	NO EQUIV LISTED	HIST 258 The US from World Power to War on Terror	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 2600 United States History
HIST 2600 History of Russia	HIST 2XXX	NO EQUIV LISTED	HIST 245 Medieval, Muscovite, and Imperial Russia + HIST 246 The Soviet Experiment	NO EQUIV LISTED	HIST 316 The Russian Revolution + HIST 356 20th Century Russia and History...	HIST 316 The Russian Revolution + HIST 356 20th Century Russia and History...	Should be the same as ONTransfer.ca	AP/HIST 3310 Russia From Origins to 1917
HIST 2802 War and Society in Modern Europe, 1789-1914	HIST 2040 War and Society	NO EQUIV LISTED	HIST UNSP 2XX	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 2300 Modern Europe
HIST 2803 War and Society in Modern Europe, 1914-1950	HIST 2XXX	NO EQUIV LISTED	HIST UNSP 2XX	NO EQUIV LISTED	HIST 102 War and Society in Europe 1914–45	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 1010 War, Revolution and Society or AP/HIST 2300 Modern Europe

Guelph	Course Equivalencies							
	Carleton		Queen's		Waterloo		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1								
HIST 1010 The Early Modern World	No info provided	HIST 1XXX Transfer Credit	HIST 121 The Intellectual Origins of the Contemporary West	NO EQUIV LISTED	HIST 110 A History of the Western World I	HIST 110 A History of the Western World I	Should be the same as ONTransfer.ca	AP/HIST 2220 Medieval and Early Modern Europe
HIST 1150 The Modern World	No info provided	HIST 1XXX Transfer Credit	NO DATA	HIST 1LEC	HIST 275 the Modern World in Historical Perspective	HIST 275 the Modern World in Historical Perspective	Should be the same as ONTransfer.ca	AP/HIST 2300 Modern Europe
Year 2								
HIST 2450 The Practising Historian	HIST 2XXX	NO EQUIV LISTED	HIST 2UNS Level 2 Unspecified	NO EQUIV LISTED	HIST 250 The Art and Craft of History	HIST 250 The Art and Craft of History	Should be the same as ONTransfer.ca	AP/HIST 3000 Critical Methodology in Hist. Analysis
HIST 2100 Pre-Confederation Canada	HIST 2XXX	NO EQUIV LISTED	HIST 269 Early Canadian State	NO EQUIV LISTED	HIST 253 Canadian History: The Colonial Period	HIST 253 Canadian History: The Colonial Period	Should be the same as ONTransfer.ca	AP/HIST 2500 Canadian History
HIST 2600 Post-Confederation Canada	HIST 2XXX	NO EQUIV LISTED	HIST 279 20th-Century Canada	NO EQUIV LISTED	HIST 254 Canadian History: The National Period	HIST 254 Canadian History: The National Period	Should be the same as ONTransfer.ca	AP/HIST 2500 Canadian History
HIST 2000 The British Isles, 1066-1603	HIST 2XXX	NO EQUIV LISTED	HIST 287 Early Modern England	NO EQUIV LISTED	HIST 211 British History to 1485	HIST 211 British History to 1485	Should be the same as ONTransfer.ca	AP/HIST 2400 British History
HIST 2200 The Medieval World	HIST 2XXX	NO EQUIV LISTED	HIST 2LEC History Level 2 Lecture Credit	HIST 2LEC History Level 2 Lecture Credit	HIST 235 History of Christianity	HIST 235 History of Christianity	Should be the same as ONTransfer.ca	AP/HIST 2220 Medieval and Early Modern Europe
HIST 2300 The United States since 1776	HIST 2XXX	NO EQUIV LISTED	HIST 2UNS Level 2 Unspecified	HIST 2UNS Level 2 Unspecified	HIST 258 The US from World Power to War on Terror	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 2600 US History
HIST 2500 Britain Since 1603	HIST 2XXX	NO EQUIV LISTED	HIST 2UNS Level 2 Unspecified	NO EQUIV LISTED	HIST 2XX	HIST 2XX	Should be the same as ONTransfer.ca	AP/HIST 2400 British History
HIST 2510 Modern Europe Since 1789	HIST 2XXX	NO EQUIV LISTED	HIST 2UNS Level 2 Unspecified	NO EQUIV LISTED	HIST 263 Age of Revolution - Europe in the 19thC	NO EQUIV LISTED	HIST 2300 3.0 Modern Europe [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED

Guelph	Course Equivalencies							
	Carleton		Queen's		Waterloo		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
HIST 2610 Contemporary Canadian Issues	HIST 2XXX	NO EQUIV LISTED	HIST 208 Intro to Themes in Can. History I or HIST 262 The Canadian Challenge II: 1950-2000	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	HIST ****	NO EQUIV LISTED
HIST 2910 Modern Asia	HIST 2XXX	NO EQUIV LISTED	HIST 299 China since 1800	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 2710 History of East Asia
HIST 2920 Republican Latin America	HIST 2XXX	NO EQUIV LISTED	HIST 286 Latin America 1850-Today: The Modern Era	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 2721 Intro to Latin American History

Queen's	Course Equivalencies							
	Carleton		Guelph		Waterloo		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1								
HIST 121 The Intellectual Origins of the Contemporary West	No info provided	HIST 1XXX Transfer Credit	HIST 1010 The Early Modern World	NO EQUIV LISTED	HIST 110 A History of the Western World I + HIST 111 A History of the Western World II	HIST 110 A History of the Western World I + HIST 111 A History of the Western World II	HIST 1060 6.0 Revolutions in Thought: The Modern West	NO EQUIV LISTED
HIST 122 The Making of the Modern World	No info provided	HIST 1XXX Transfer Credit	HIST 1XXX + HIST 1XXX	NO EQUIV LISTED	HIST 275 The Modern World in Historical Perspective + HIST 2XX	HIST 275 The Modern World in Historical Perspective + HIST 2XX	HIST 1*** 6.0	NO EQUIV LISTED
HIST 124 Canada in the World	No info provided	HIST 1XXX Transfer Credit	HIST 1XXX + HIST 1XXX	NO EQUIV LISTED	HIST 1XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 2***
HIST 125 The Evolution of Modern Europe	No info provided	HIST 1001 The Making of Europe	HIST 1XXX + HIST 1XXX	NO EQUIV LISTED	HIST 111 A History of the Western World II + HIST 1XX	HIST 111 A History of the Western World II + HIST 1XX	HIST 2300 6.0 Modern Europe: From the French Revolution to the European Union	NO EQUIV LISTED
Year 2								
HIST 201 Europe, 1572-1815	HIST 2XXX	NO EQUIV LISTED	HIST 2XXX	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	HIST 2220 3.0 Medieval and Early Modern Europe [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 203 The U.S. in the Depression and World War II	HIST 2XXX	NO EQUIV LISTED	HIST 2XXX	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	HIST 2*** 3.0	NO EQUIV LISTED
HIST 208 Intro to Themes in Canadian History I	HIST 2XXX	NO EQUIV LISTED	HIST 2610 Contemporary Canadian Issues	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 2***
HIST 209 Intro to Themes in Canadian History II	HIST 2XXX	NO EQUIV LISTED	HIST 2610 Contemporary Canadian Issues or, if student also has HIST 208 from Queen's, use HIST 2XXX	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	HIST 2*** 3.0	NO EQUIV LISTED
HIST 216 U.S. Civil War and Reconstruction	HIST 2XXX	NO EQUIV LISTED	HIST 2300 The United States since 1776	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	HIST 2*** 3.0	NO EQUIV LISTED
HIST 243 The Crusades	HIST 2XXX	NO EQUIV LISTED	HIST 2XXX	NO EQUIV LISTED	HIST 115 Crusading in the Middle Ages	NO EQUIV LISTED	HIST 2*** 3.0	NO EQUIV LISTED
HIST 245 Imperial Russia	NONE	NO EQUIV LISTED	HIST 2XXX	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	HIST 3310 3.0 [Course Title unknown]	NO EQUIV LISTED
HIST 246 The Soviet Experiment	NONE	NO EQUIV LISTED	HIST 2XXX	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	HIST 3311 3.0 History of the Soviet Union	NO EQUIV LISTED
HIST 248 United States, Colonization to 1865	HIST 2401 History of the United States to 1865	NO EQUIV LISTED	HIST 2XXX	NO EQUIV LISTED	HIST 257 America from Slavery to Civil War	NO EQUIV LISTED	HIST 2600 3.0 United States History [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED

Queen's	Course Equivalencies							
	Carleton		Guelph		Waterloo		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
HIST 249 United States, 1865-present	HIST 2XXX	NO EQUIV LISTED	No info provided	NO EQUIV LISTED	HIST 258 US World Power to War on Terror	NO EQUIV LISTED	HIST 2600 3.0 United States History [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 250 The Middle Ages	HIST 2XXX	NO EQUIV LISTED	HIST 2200 The Medieval World	NO EQUIV LISTED	HIST 260 Europe 410-1303 + HIST 2xx	NO EQUIV LISTED	HIST 2220 6.0 Medieval and Early Modern Europe	NO EQUIV LISTED
HIST 255 Renaissance and Reformation Europe	HIST 2XXX	NO EQUIV LISTED	HIST 2XXX	NO EQUIV LISTED	HIST 262 Early Modern Europe 1450-1700	NO EQUIV LISTED	HIST 2220 3.0 Medieval and Early Modern Europe [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 260 Canada from the Conquest to the Present	HIST 2XXX	NO EQUIV LISTED	HIST 2XXX + HIST 2XXX	NO EQUIV LISTED	HIST 253 Canada the Colonial Era + HIST 254 Canada the National Period	NO EQUIV LISTED	HIST 2500 6.0 Canadian History	NO EQUIV LISTED
HIST 262 The Canadian Challenge II: 1950-2000	HIST 2XXX	NO EQUIV LISTED	HIST 2610 Contemporary Canadian Issues	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	HIST 2*** 3.0	NO EQUIV LISTED
HIST 265 The Canadian Challenge I: 1900-1950	HIST 2XXX	NO EQUIV LISTED	HIST 2XXX	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 2***
HIST 269 Early Canadian State	HIST 2XXX	NO EQUIV LISTED	HIST 2100 Pre-Confederation Canada	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	HIST 2500 3.0 Canadian History [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 278 Canada from the Conquest to 1896	NONE	NO EQUIV LISTED	HIST 2XXX	NO EQUIV LISTED	HIST 253 Canada the Colonial Period	NO EQUIV LISTED	HIST 2500 3.0 Canadian History [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 279 20th-Century Canada	HIST 2XXX	NO EQUIV LISTED	HIST 2600 Post-Confederation Canada	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	HIST 3580 3.0 20th-Century Canada [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 285 Latin America to 1850: The Colonial Experience	HIST 2XXX	NO EQUIV LISTED	HIST 2XXX	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	HIST 2720 3.0 Latin American History from the Conquest to the Cold War [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 286 Latin America from 1850 to Today: The Modern Era	HIST 2309 Modern Latin America	NO EQUIV LISTED	HIST 2920 Republican Latin America	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	Should be the same as ONTransfer.ca	AP/HIST 2721 Intro to Latin American History
HIST 287 Early Modern England	HIST 2XXX	HIST 2XXX Transfer Credit	HIST 2000 The British Isles 1066-1603	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED	HIST 2400 3.0 British History [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED

Waterloo	Course Equivalencies							
	Carleton		Guelph		Queen's		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1								
HIST 102 European Society in Upheaval, 1914-1945	No info provided	HIST 1XXX Transfer Credit	HIST 1XXX	NO EQUIV LISTED	HIST UNSP 2XX	NO EQUIV LISTED	HIST 1*** 3.0	NO EQUIV LISTED
HIST 103 Canadian History through Biography	No info provided	HIST 1XXX Transfer Credit	HIST 1XXX	NO EQUIV LISTED	HIST UNSP 2XX	NO EQUIV LISTED	HIST 1*** 3.0	NO EQUIV LISTED
HIST 110 A History of the Western World I	No info provided	HIST 1XXX Transfer Credit	HIST 1XXX	NO EQUIV LISTED	With HIST 111 = HIST 121 The Intellectual Origins of the Contemporary West	NO EQUIV LISTED	HIST 1*** 3.0	NO EQUIV LISTED

Waterloo	Course Equivalencies							
	Carleton		Guelph		Queen's		York	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
HIST 111 A History of the Western World II	No info provided	HIST 1XXX Transfer Credit	HIST 1XXX	NO EQUIV LISTED	With HIST 110 = HIST 121 The Intellectual Origins of the Contemporary West	NO EQUIV LISTED	HIST 1*** 3.0	NO EQUIV LISTED
HIST 115 Crusading in the Middle Ages	No info provided	HIST 1XXX Transfer Credit	No info provided	NO EQUIV LISTED	HIST 243 The Crusades	NO EQUIV LISTED	HIST 1*** 3.0	NO EQUIV LISTED
Year 2								
HIST 250 The Art and Craft of History	HIST 2809 The Historian's Craft	NO EQUIV LISTED	HIST 2450 The Practising Historian	NO EQUIV LISTED	HIST UNSP 2XX	NO EQUIV LISTED	HIST 2*** 3.0	NO EQUIV LISTED
One course (0.5 credits) in each of 3 of 4 fields:								
HIST 253 Canadian History: The Colonial Period	HIST 2XXX	NO EQUIV LISTED	HIST 2100 Pre-Confederation Canada	NO EQUIV LISTED	HIST 278 Canada from the Conquest to 1896	NO EQUIV LISTED	HIST 2500 3.0 Canadian History [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 254 Canadian History: The National Period	HIST 2XXX	NO EQUIV LISTED	HIST 2600 Post-Confederation Canada	NO EQUIV LISTED	HIST 279 20th-Century Canada	NO EQUIV LISTED	HIST 2500 3.0 Canadian History [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 257 America until 1877	HIST 2401 History of the US to 1865	NO EQUIV LISTED	No info provided	NO EQUIV LISTED	HIST 248 United States, Colonization to 1865	NO EQUIV LISTED	HIST 2600 3.0 United States History [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 258 United States since 1877	HIST 2402 History of the US from 1865	NO EQUIV LISTED	HIST 2300 The United States since 1776	NO EQUIV LISTED	HIST 249 United States History, 1865-present	NO EQUIV LISTED	HIST 2600 3.0 United States History [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 260 Europe: 410–1303	HIST 2XXX	HIST 2XXX Transfer Credit	HIST 2XXX	NO EQUIV LISTED	HIST UNSP 2XX	NO EQUIV LISTED	HIST 2220 3.0 Medieval and Early Modern Europe [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 262 Early Modern Europe 1450–1700	HIST 2204 Early Modern Europe	NO EQUIV LISTED	HIST 2XXX	NO EQUIV LISTED	HIST 255 Renaissance and Reformation Europe	NO EQUIV LISTED	HIST 2220 3.0 Medieval and Early Modern Europe [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 263 Europe in the Nineteenth and Twentieth Centuries	HIST 2XXX	NO EQUIV LISTED	No info provided	NO EQUIV LISTED	HIST UNSP 2XX	NO EQUIV LISTED	HIST 2300 3.0 Modern Europe: From the French Revolution to the European Union [York course is 6.0 but 3.0 credits will be given]	NO EQUIV LISTED
HIST 268 Comparative History of Empires	HIST 2XXX	NO EQUIV LISTED	No info provided	NO EQUIV LISTED	HIST UNSP 2XX	NO EQUIV LISTED	HIST 2*** 3.0	NO EQUIV LISTED
HIST 275 The Modern World in Historical Perspective	HIST 2XXX	NO EQUIV LISTED	No info provided	NO EQUIV LISTED	HIST UNSP 2XX	NO EQUIV LISTED	HIST 2*** 3.0	NO EQUIV LISTED
HIST 236 Law and Society in the Middle Ages	HIST 2XXX	NO EQUIV LISTED	HIST 2200 The Medieval World	NO EQUIV LISTED	HIST UNSP 2XX	NO EQUIV LISTED	HIST 3200 3.0 Medieval Law and Institutions	NO EQUIV LISTED

York	Course Equivalencies							
	Carleton		Guelph		Queen's		Waterloo	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
Year 1								
AP/HIST 1010 War, Revolution and Society in the 20th Century	No info provided	HIST 1XXX Transfer Credit	HIST*1XXX and HIST*1XXX (two unspecified credits)	NO EQUIV LISTED	NO DATA	NO EQUIV LISTED	HIST 1XX	NO EQUIV LISTED
AP/HIST 1025 Ancient North America From the Last Ice Age to European Contact	HIST 1XXX	NO EQUIV LISTED	HIST*1XXX and HIST*1XXX (two unspecified credits)	NO EQUIV LISTED	NO DATA	NO EQUIV LISTED	HIST 1XX	NO EQUIV LISTED
AP/HIST 1050 Life, Love and Labour: An Introduction to Social and Cultural History	No info provided	HIST 1XXX Transfer Credit	HIST*1XXX and HIST*1XXX (two unspecified credits)	NO EQUIV LISTED	HIST 125 The Evolution of Modern Europe	NO EQUIV LISTED	HIST 1XX	HIST 1XX

York	Course Equivalencies							
	Carleton		Guelph		Queen's		Waterloo	
	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer	From Institution	ONTransfer
AP/HIST 1060 Revolutions in Thought: The Modern West	No info provided	NO EQUIV LISTED	HIST*1XXX and HIST*1XXX (two unspecified credits)	NO EQUIV LISTED	HIST 121 The Intellectual Origins of the Contemporary West	NO EQUIV LISTED	POSSIBLY HIST 110 & 111 History of the Western World I & II	NO EQUIV LISTED
AP/HIST 1080 Growing Up in North America	No info provided	HIST 1XXX Transfer Credit	HIST*1XXX and HIST*1XXX (two unspecified credits)	NO EQUIV LISTED	NO DATA	NO EQUIV LISTED	HIST 1XX	NO EQUIV LISTED
AP/HIST 1085 War, Love and Death in the 20th Century: A Social and Cultural History of War in Europe and North America	No info provided	NO EQUIV LISTED	HIST*1XXX and HIST*1XXX (two unspecified credits)	NO EQUIV LISTED	NO DATA	NO EQUIV LISTED	HIST 1XX	NO EQUIV LISTED
AP/HIST 1095 Streetlife: The Culture and History of European Cities	HIST 1XXX	NO EQUIV LISTED	HIST*1XXX and HIST*1XXX (two unspecified credits)	NO EQUIV LISTED	NO DATA	NO EQUIV LISTED	HIST 1XX	NO EQUIV LISTED
Year 2								
AP/HIST 2220 Medieval and Early Modern Europe	HIST 2XXX	NO EQUIV LISTED	HIST 2200 The Medieval World + HIST*2XXX (an unspecified credit)	NO EQUIV LISTED	HIST 250 The Middle Ages	NO EQUIV LISTED	HIST 260 Europe 410-1303 + HIST 262 Early Modern Europe	NO EQUIV LISTED
AP/HIST 2300 Modern Europe: From the French Revolution to the European Union	HIST 2XXX	HIST 2XXX Transfer Credit	HIST 2510 Modern Europe Since 1789 and HIST*2XXX	NO EQUIV LISTED	HIST 125 The Evolution of Modern Europe	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED
AP/HIST 2310 Russian Culture: Continuity and Conflict (in translation)	HIST 2XXX	NO EQUIV LISTED	HIST*2XXX and HIST*2XXX (two unspecified HIST credits)	NO EQUIV LISTED	NO DATA	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED
AP/HIST 2500 Canadian History	HIST 2XXX	NO EQUIV LISTED	HIST 2100 Pre-Confederation Canada and HIST 2600 Post-Confederation Canada	NO EQUIV LISTED	HIST 260 Canada from the Conquest to the Present	NO EQUIV LISTED	HIST 253 Canada the Colonial Era + HIST 254 Canada the National Period	NO EQUIV LISTED
AP/HIST 2600 United States History	HIST 2XXX	NO EQUIV LISTED	HIST 2300 The United States Since 1776 + HIST*2XXX	NO EQUIV LISTED	HIST 248 United States, Colonization to 1865 + HIST 249 United States, 1865-present	NO EQUIV LISTED	HIST 257 America from Slavery to Civil War + HIST 258 US from World Power to War on Terror	NO EQUIV LISTED
AP/HIST 2710 History of East Asia	HIST 2XXX	NO EQUIV LISTED	HIST 2910 Modern Asia + HIST*2XXX	NO EQUIV LISTED	HIST 298 Imperial China + HIST 299 China since 1800	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED
AP/HIST 2720 Latin American History from the Conquest to the Cold War	HIST 2XXX	NO EQUIV LISTED	HIST 2920 Republican Latin America + HIST*2XXX	NO EQUIV LISTED	HIST 285 Latin America to 1850: The Colonial Experience + HIST 286 Latin America from 1850 to Today	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED
AP/HIST 2721 Introduction to Latin American History	HIST 2XXX	NO EQUIV LISTED	HIST 2920 Republican Latin America	NO EQUIV LISTED	NO DATA	NO EQUIV LISTED	HIST 2XX	NO EQUIV LISTED

Appendix D — Breadth and Distribution Requirements: Summary and Comparison Charts

Bachelor of Arts				
Carleton University	OCAD University (Visual and Critical Studies)	Queen’s University	University of Waterloo	York University
<p>B.A. General and the B.A. Honours students require:</p> <ul style="list-style-type: none">3.0 breadth credits, including 1.0 credit from each of three of the four Breadth Areas identified below (students entering with completed degrees or in an interdisciplinary program are exempt)B.A. degree students are strongly encouraged to include a First-Year Seminar (FYSM) during their first 4.0 credits of registration.	<p>Required Breadth Courses:</p> <ul style="list-style-type: none">ENGL 2B11 Writing the World: Introduction to Literature (1.0 credit)HUMN 200 level <p>Elective Breadth Courses: 4.0 credits</p> <ul style="list-style-type: none">A minimum of 2.0 credits of breadth electives must be completed at the 300 or 400 levels.A minimum of 0.5 credit breadth electives must be completed in 3 of 4 breadth subject areas: ENGL, HUMN, SCTM, and SOSOC.Students may count elective breadth courses towards minors in Creative Writing, English, and Social Sciences. <p>First year Required Studio Courses: 2.0 credits</p>	<p>The Faculty of Arts and Science has no stipulated breadth and distribution requirements. Students pursuing a BA follow the courses required by their degree plan and take any elective courses they wish (provided they have the prerequisite courses) to make up the total number of units required for the degree (e.g., 120 units for the four-year bachelor’s degree).</p>	<ul style="list-style-type: none">Fine, Performing, and Communication Arts: 0.5 unit from DAC, DRAMA, FINE, MUSIC, SPCOM, VCULTHumanities: 1.0 unit from CLAS, ENGL, HIST, MEDVL, PHIL, RSLanguages and Cultures: 1.0 unit from various languages (see below)Social Sciences: 2.0 units from ANTH, ECON, PSCI, PSYCH, SDS, SOC (maximum 1.0 unit in any one discipline)Transdisciplinary Studies: 0.5 unit from: various (see below) <p>Note: Language courses accepted as transfer credits, including courses in American Sign Language, may be counted towards the Languages and Cultures requirement.</p>	<p>Liberal Arts and Professional Studies</p> <p>A minimum of 21 general education credits as follows:</p> <ul style="list-style-type: none">6 credits in natural science (NATS)9.00 credit course in either the humanities or social science categories from the approved list of LA&PS general education courses6.00 credit course on the other side of the humanities and social science category divide from the approved list of LA&PS general education courses <p>Health (BHS and BA Programs)</p> <p>18 credits as follows: 6.0 credits at the 1000 level in approved Faculty of Health general education or humanities categories approved by the Faculty of LA&PS</p> <ul style="list-style-type: none">6.0 credits at the 1000 level in approved Faculty of Health general education or social science categories approved by the Faculty of LA&PS6.0 credits at the 1000 level in natural science (NATS) offered by the Faculty of Science

Bachelor of Science			
Carleton University	Queen’s University	University of Waterloo	York University
<p>Bachelor of Science Honours or General students require:</p> <ul style="list-style-type: none">2.0 credits in Science Continuation courses not in the major discipline or disciplines;1.5 credits in Approved Arts or Social Sciences0.5 credit in NSCI 1000 Seminar in Science or Approved Arts or Social Sciences. <p>Transfer students must present at graduation:</p> <ul style="list-style-type: none">2.0 credits in Approved Arts or Social Sciences electives if student transferred fewer than 10.0 credits;1.0 credit of Approved Arts or Social Sciences electives if student transferred 10.0 or more credits	<p>The Faculty of Arts and Science has no stipulated breadth and distribution requirements. Students pursuing a BSc follow the courses required by their degree plan and take any elective courses they wish (provided they have the prerequisite courses) to make up the total number of units required for the degree (e.g., 120 units for the four-year bachelor’s degree).</p>	<p>No defined breadth and distribution requirements.</p>	<p>Health (BSc)</p> <p>18 credits as follows:</p> <ul style="list-style-type: none">6.0 credits at the 1000 level in approved Faculty of Health general education or humanities categories approved by the Faculty of Liberal Arts & Professional Studies6.0 credits at the 1000 level in approved Faculty of Health general education or social science categories approved by the Faculty of Liberal Arts & Professional Studies6.0 credits at the 1000 level in approved Faculty of Health general education or humanities or social science categories approved by the Faculty of Liberal Arts & Professional Studies <p>BSc, Honours BSc, BSc (Tech), iBSc</p> <p>Non-Science Requirement:</p> <ul style="list-style-type: none">12 credits from two different areas of study, including at least three credits from each area<ul style="list-style-type: none">Anthropology, Classical Studies, English, French Studies, Geography, History, Humanities, Languages, Literature and Linguistics, Modes of Reasoning, Philosophy, Political Science, Social Science, Sociology, Women’s StudiesSome courses from Economics, Faculty of Environmental Studies, and Fine Art may satisfy this requirementSome restrictions apply

Bachelor of Fine Arts			
OCAD University	University of Waterloo	Queen’s University	York University
<p>Liberal Arts & Sciences requirements for a total of 5.0 credits (at least 1.5 of which must be at the 300 or 400 level):</p> <ul style="list-style-type: none">• Liberal Studies, 1.5 credits• History and Theory of Visual Culture, 1.0 credit• Breadth discipline courses in at least 2 breadth disciplines (English, Humanities, Science/Technology/Mathematics, Social Sciences), 1.5 credits• Choice of Breadth and/or Visual Culture courses, 1.0 credit <p>Incoming first-year students complete 1.5 Liberal Arts & Sciences credits at the 100 level as follows: First Year Writing Course (0.5), Global Visual and Material Culture: Prehistory to 1800 (0.5), and Global Visual and Material Culture: 1800 to the Present (0.5)</p>	<p>Fine Arts at Waterloo appears to fall under the Faculty of Arts and follow the same breadth requirements as the BA:</p> <ul style="list-style-type: none">• Fine, Performing, and Communication Arts: 0.5 unit from DAC, DRAMA, FINE, MUSIC, SPCOM, VCULT• Humanities: 1.0 unit from CLAS, ENGL, HIST, MEDVL, PHIL, RS• Languages and Cultures: 1.0 unit from various languages (see below)• Social Sciences: 2.0 units from ANTH, ECON, PSCI, PSYCH, SDS, SOC (maximum 1.0 unit in any one discipline)• Transdisciplinary Studies: 0.5 unit from: various (see below) <p>Note: Language courses accepted as transfer credits, including courses in American Sign Language, may be counted towards the Languages and Cultures requirement.</p>	<p>BFA students follow the plan of Fine Art (ARTF) courses alone (or in combination with a Minor in another subject), along with sufficient electives to total 120.0 units. There are no restrictions regulating the choice of electives (other than considering such things as prerequisites).</p>	<p>6.0 credits in each humanities, social sciences and natural sciences must be completed within the first 90 credits. Courses may be selected from the following departments:</p> <ul style="list-style-type: none">• Humanities: Classical Studies, English, French Studies, History, Humanities, Languages and Linguistics, Modes of Reasoning, Philosophy; or 6.0 credits from the Fine Arts 1900 3.00 series of courses outside the major program• Natural Science: Biology, Chemistry, Earth and Atmospheric Science, Environmental Studies, Natural Science, Physics and Astronomy, Science and Technology Studies• Social Science: Anthropology, Economics, Geography, Political Science, Psychology, Social Science, Sociology
Bachelor of Design — OCAD University			
<p>(Same as Bachelor of Fine Arts)</p> <p>Liberal Arts & Sciences requirements for a total of 5.0 credits (at least 1.5 of which must be at the 300 or 400 level):</p> <ul style="list-style-type: none">• Liberal Studies, 1.5 credits• History and Theory of Visual Culture, 1.0 credit• Breadth discipline courses in at least 2 breadth disciplines (English, Humanities, Science/Technology/Mathematics, Social Sciences), 1.5 credits• Choice of Breadth and/or Visual Culture courses, 1.0 credit <p>Incoming first-year students complete 1.5 Liberal Arts & Sciences credits at the 100 level as follows: First Year Writing Course (0.5), Global Visual and Material Culture: Prehistory to 1800 (0.5), and Global Visual and Material Culture: 1800 to the Present (0.5)</p>			
Bachelor of Environmental Studies (BES) — York University			
<p>General education (12 credits) in the humanities and natural sciences:</p> <ul style="list-style-type: none">• Humanities requirement: can be satisfied by taking ES/ENVS 1800 (6.00) Environmental Writing or a 1000-level course (at least six credits) from: Classical Studies; English; French Studies; History; Humanities; Languages, Literature and Linguistics or Philosophy <p>Science requirement: ES/ENVS 1500 (6.00) Introduction to Environmental Science: The Web of Life; Environmental Management majors must take ES/ENVS 1500 (6.00) Introduction to Environmental Science</p>			
Bachelor of Commerce — Queen’s University			
<p>The B.Com is made up of 126.0 units; 90 to 102 units are Commerce credits and 24 to 36 units are from Arts and Science courses. There are no regulations on what Arts and Science courses B.Com students have to take.</p>			
Bachelor of Nursing Science — Queen’s University			
<p>Nursing students follow a strictly determined plan of courses. There is room in the program for a total of five half-course electives. Electives may be chosen from any of the courses within Queen’s University, although SOCY 122 Introduction to Sociology is strongly recommended as one elective choice.</p>			