# Final Report and Summary
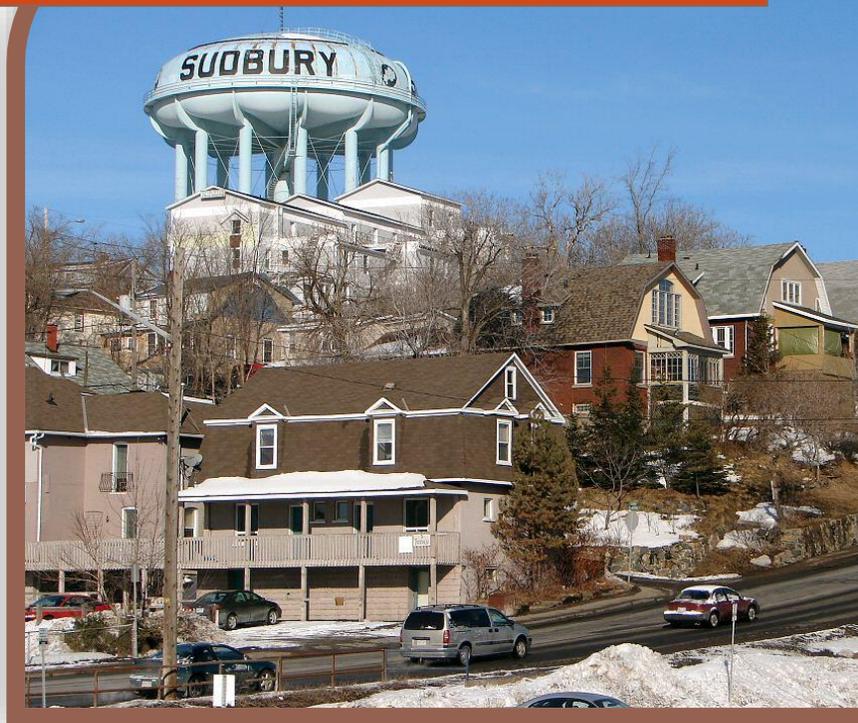
## Summary

As part of this project, we successfully developed 10 articulation agreements. Four of them are for students who have completed or will complete a one-year certificate at Collège Boréal.  Previously, it was impossible for these students to transfer college credits to university programs. Now, they are eligible for up to 30 credits, which is equivalent to a full year of studies.

In addition to these agreements, three agreements were developed with the Department of Psychology - one of which is a 2+2. Finally, three agreements in Physical Education and Health were improved. These agreements stand out from the others because the learning outcomes have been compared and students can take advantage of several specific credits instead of only elective credits.

Most of the agreements are at the approval stage with the Senate of Laurentian University. Unfortunately, we learned in April that two steps were added to the approval process, which delayed the process. However, we are confident that the agreements will be approved by Fall 2016. In following this process, we are pleased to announce that one of the outcomes will be that all Francophone articulation agreements shall also apply on the English side - thus for any other college that offers the same program toward our Francophone and Anglophone programs (when both options exist).
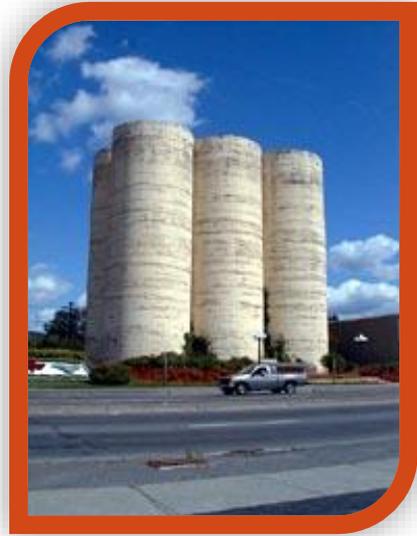
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# New Boréal-Laurentian Transfer Pathways

Following is a list of the 19 new transfer pathways that were developed or analysed between Collège Boréal and Laurentian University as part of this project.

| # | From the Collège Boréal program | To this program at Laurentian University | Number of credits granted prior to 2016 | Number of credits granted following transfer pathway approval |
|---|---|---|---|---|
| 1 | *Programme général d'arts et de sciences* (PASC) [General Arts and Sciences] - one year | *Arts généraux* [General Arts] | None | 15-30, 12, 6 (arts) |
| 2 | Programme général d'arts et de sciences (PASC) - one year | Sciences | None | 9-12, 6, 3 (sciences) |
| 3 | Programme général d'arts et de sciences (PASC) - one year | *Étude de l'environnement* [Environmental Studies] | None | 24 |
| 4 | Programme général d'arts et de sciences (PASC) - one year | *Psychologie* [Psychology] | None | 30 |
| 5 | Programme général d'arts et de sciences (PASC) - one year | *Sociologie* [Sociology] | None | - |
| 6 | Programme général d'arts et de sciences (PASC) - one year | *Mathématiques* [Mathematics] | None | 24 |
| 7 | *Techniques de soins vétérinaires* [Veterinary Care Technician] - two years | *Zoologie* [Zoology] | 30 | 30 |
| 8 | *Technique de travail social* [Social Service Worker] (TOSC) – two years | Psychologie | 30 | 60 |
| 9 | Technique de travail social (TOSC) – two years | Sociologie | 30 | 30 |
| 10 | *Éducation en services à l'enfance* [Early Childhood Education] (GEEN) – two years | Psychologie | 30 | 51 |
| 11 | Éducation en services à l'enfance (GEEN) – two years | Sociologie | 30 | 30 |
| 12 | *Technique d'éducation spécialisée* [Child and Youth Worker] (TESQ) – three years | Psychologie | 30 | 66 |
| 13 | Technique d'éducation spécialisée (TESQ) – three years | Sociologie | 30 | 30 |
| 14 | *Adjoint juridique* [Law Clerk] – two years | Psychologie | 30 | 30 |
| 15 | Adjoint juridique – two years | Sociologie | 30 | 30 |
| 16 | *Technologie de l'architecture* [Architectural Technician] | Architecture | - | - |
| 17 | *Promotion de l'activité physique et de la santé* [Physical Education and Health] (two years) | *Promotion de la santé* [Health Promotion] | 30 | 39 |
| 18 | Promotion de l'activité physique et de la santé [Health Promotion] (two years) | Promotion de la santé | 30 | 39 |
| 19 | Promotion de l'activité physique et de la santé [Sport Psychology] (two years) | Promotion de la santé | 30 | 39 |

See **Appendices A, B and C** for a detailed description of each of the new transfer pathways.

Additionally, see the following attached documents for an even more detailed analysis of the mapping process.

| File name | Description |
|---|---|
| Information sheets<br>           1<br>           2<br>           3<br>           4 | Learning outcomes analysis for:<br>Technique de travail social<br>Éducation en services à l'enfance<br>Technique d'éducation spécialisée<br>Adjoint juridique |
| Physical education analysis | Learning outcomes analysis for the physical education programs |
| Memorandum of Agreement | Amended Memorandum of Agreement |

# Best Practices and Lessons Learned

The process followed to complete this project this year was effective in certain respects, but we learned many lessons that will lead to changes for the next agreements to be developed. Following are steps of the process followed this year, the new process suggested, the reasoning behind the changes and a short analysis at the end of the section.

**Process followed to complete this project this year:**

1. Conduct preliminary analysis and determine the programs for which articulation is an option and those for which articulation is not an option.

2. Foster commitment and interest of staff from both institutions toward the project.

3. Consult the deans, directors and professors involved to confirm which articulations will be possible this year.

4. Draft the initial report.

5. Identify the articulation model to be developed for each program.

6. Compare the learning outcomes and the course outlines of the programs for which articulation has been deemed possible (in 1), and identify the number of credits that can be recognized by Laurentian as well as the necessary pathways.

7. Obtain the approvals required in order to establish the articulation.

8. Draft the interim report.

9. Review certain existing articulations.

10. Develop technical descriptions that specify the pathway for students who want to benefit from the articulations developed.

11. Formalize the amendment to the umbrella agreement.

12. Develop an Excel tool to facilitate the management of articulation agreements between Laurentian University and Collège Boréal. This tool allows 1) easier initial learning outcome comparison, and 2) easier agreement maintenance, when changes occurs to the programs.

13. Draft the final report.

**New process for developing pathways and articulation agreements:**

Following a trial of the aforementioned procedure to try to develop 19 articulations between Collège Boréal and Laurentian University in 2015-2016, we have determined that a more effective process may be followed to develop pathways and articulation agreements. This process is described in the table on the next page and includes the identification of the person(s) who will complete each step, as well as some notes and explanations.

**Table - New proposed process:**

| Step # | Description | Who will facilitate or coordinate? | Notes and explanations (best practices and lessons learned) |
|---|---|---|---|
| 1 | Consult the departments, directors and deans, in person (officer) and in writing (associate vice-president), to identify the transfer pathways and articulation agreements to be developed. | - LU Project Officer – Articulation Agreements, - Associate Vice-President or executive, Academic and Francophone Affairs | This step will ensure the cooperation and participation of participants because the projects will come from them and not the administration. |
| 2 | Identify the articulation model to be developed for each agreement or transfer pathway. | - LU Project Officer – Articulation Agreements | Possible models: - Diploma to BA - BA to diploma - Parallel programs - Joint programs - Etc. |
| 3 | Gather and exchange the course outlines, course descriptions, curricula, etc., necessary for analysis. | - LU Project Officer – Articulation Agreements | The ideal is to be able to compare the college learning outcomes with the university learning outcomes, but these are not always available, so sometimes it has to be done from the course outline or even the course description. |
| 4 | Analyse and compare the learning outcomes and course outlines of the programs to then identify the number of credits that can be recognized by Laurentian as well as the necessary pathways. | - The departments and faculties sometimes prefer to have this step initially completed by the project officer. - Then, the department can approve, but this step is only necessary when the agreement requires *new equivalencies* (that have never been recognized by the admissions department). | - When there is good affinity between the programs, credits may sometimes be given for specific courses. This is especially the case when learning outcomes are the same or very similar. We aim for common learning outcomes to be 80% in a course in order to give credit. - When there is less affinity between the programs, generic credits are given. For example ARTS9100 (for first-year courses) or ARTS9200 (for second- to fourth-year courses). Some rules must be followed in order to give credits. **See Appendix A.** |
| 5a | Following analysis, if the pathway or articulation agreement developed does not require anything new, the pathways defined may be added to the Memorandum of Articulation Agreements or sent to the admissions department. This department will be in charge of adding the agreements on ONTransfer.ca (provincial website for students seeking possible pathways and articulation agreements). | - LU Project Officer – Articulation Agreements - Admissions Officer | |
| 5b | If the articulation agreement or pathway requires a credit transfer that has no precedent (where a credit transfer has never been given), it must go through the department. | - LU Project Officer – Articulation Agreements - Director of the department | |
| 5c | When the nature of the articulation agreement or pathway proposed is new or requires a significant | - LU Project Officer – Articulation Agreements - Departments, faculties, committee members and Senate | When the articulation agreement must go through this process, it is important to factor in the time required to do this. A |

| | | | |
|---|---|---|---|
| | change in the method of approval by the admissions department, the agreement must go through a process. This includes the following steps (in order):<br>- Approval by the department;<br>- Approval by the faculty;<br>- Approval by the ARA;<br>- Information to the CPF;<br>- Approval by the Senate | | minimum of five months is required for this process, but it often takes longer because of the changes to be made to the documents, objections by certain committees, etc. |
| 6 | Inform the following departments when an agreement has been approved:<br>- Admissions Office;<br>- Office of the Registrar;<br>- Liaison;<br>- Marketing;<br>- Executive Team;<br>- Faculty; | - LU Project Officer – Articulation Agreements | |
| 7 | Review the agreement based on the identified frequency or when there are changes to the programs. | | |

Since the scope of this project was quite large, we discovered many winning practices and learned many lessons. These are summarized in the above table, in the "*Notes and explanations (best practices and lessons learned)*" column. In short, the most significant best practice is to have the analysis and the majority of the analysis work performed by the ONCAT project officer, before requesting approval from the department. With respect to the lessons learned, the two most significant are 1) always consult the departments and deans before submitting project requests to ONCAT - it is important that the ideas come from the ground up - and 2) plan enough time for the approval of articulation agreements, because there are many committees and steps that must be followed before having a project go through to the University.

**Important definitions**

**Transfer pathway:** a predetermined path for a student wishing to transfer from a specific program at a postsecondary institution to a specific program at Laurentian University (or vice-versa)

**Articulation agreement:** an agreement that stipulates, among other things, that two or more institutions agree to increase access to postsecondary programs of study in French, as well as mobility between institutions through credit transfers. An articulation agreement may include one or more pathways between institutions.

**Pathway**: courses or modules that must be completed by the student in order to access a program and take advantage of an articulation agreement.

# Status of transfer pathways and agreements developed and important dates (pending approvals)

Following is a table that describes the status of transfer pathways and agreements developed as part of this project, as well as relevant comments for each.

| # | From the Collège Boréal program | To this program at Laurentian University | Approval dates | | | | | Comments |
|---|---|---|---|---|---|---|---|---|
| | | | Analysis completed | Agreement of the department | Agreement of the faculty | Agreement of the ARA | Agreement of the Senate | |
| 1 | *Programme général d'arts et de sciences (PASC) [General Arts and Sciences] - one year* | Arts généraux | | | Sept. 9 | | | Approval process delayed |
| 2 | Programme général d'arts et de sciences (PASC) - one year | Sciences | | - | Sept. 9 | | | Approval process delayed |
| 3 | Programme général d'arts et de sciences (PASC) - one year | Étude de l'environnement | | | Sept. 9 | | | Approval process delayed |
| 4 | Programme général d'arts et de sciences (PASC) - one year | Psychologie | | | Sept. 9 | | | Approval process delayed |
| 5 | Programme général d'arts et de sciences (PASC) - one year | Sociologie | | - | - | - | - | Canceled - program restructuring |
| 6 | Programme général d'arts et de sciences (PASC) - one year | Mathématiques | | | Sept. 9 | | | Approval process delayed |
| 7 | Techniques de soins vétérinaires - two years | Zoologie | | - | - | - | - | Limited affinity |
| 8 | Technique de travail social (TOSC) – two years | Psychologie | | | Sept. 9 | | | Approval process delayed |
| 9 | Technique de travail social (TOSC) – two years | Sociologie | | - | - | - | - | Canceled - program restructuring |
| 10 | Éducation en services à l'enfance (GEEN) – two years | Psychologie | | | Sept. 9 | | | Approval process delayed |

| # | Program | Discipline | | | | | | Notes |
|---|---------|-----------|---|---|---|---|---|-------|
| 11 | Éducation en services à l'enfance (GEEN) – two years | Sociologie | | - | - | - | - | Canceled - program restructuring |
| 12 | Technique d'éducation spécialisée (TESQ) – three years | Psychologie | | | Sept. 9 | | | Approval process delayed |
| 13 | Technique d'éducation spécialisée (TESQ) – three years | Sociologie | | - | - | - | - | Canceled - program restructuring |
| 14 | Adjoint juridique – two years | Psychologie | | - | - | - | - | Limited affinities |
| 15 | Adjoint juridique – two years | Sociologie | | - | - | - | - | Canceled - program restructuring |
| 16 | Technologie de l'architecture | Architecture | - | - | - | - | - | Deferred to next year (at the dean's request) |
| 17 | Promotion de l'activité physique et de la santé (two years) | Promotion de la santé | | | | | | Approval process delayed |
| 18 | Promotion de l'activité physique et de la santé (two years) | Promotion de la santé | | | | | | Approval process delayed |
| 19 | Promotion de l'activité physique et de la santé (two years) | Promotion de la santé | | | | | | Approval process delayed |

# Appendix A

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**Three new transfer pathways between:**

**The Collège Boréal *Promotion de l'activité physique* [Fitness Promotion] *program and three Francophone programs in* Laurentian University's *École des sciences et de l'activité physique* [School of Human Kinetics]**

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These transfer pathways would be added to the appendixes of the Memorandum of Articulation Agreements between Collège Boréal, Laurentian University and the University of Sudbury (2014-2019).
 Two of the three transfer pathways are improvements to transfer pathways developed in a 2007 agreement. One of the three transfer pathways (Psychologie du sport) is new.

**<u>For each of the three transfer pathways in this document:</u>**

- The student must always complete the required courses for the degree(s) chosen, except when a specific equivalent credit is granted by the University upon admission.

*- **A cumulative grade-point average (GPA) at college of at least 3.2 or 80%** is required to be eligible for these transfer pathways.*

*- **A letter of recommendation is** required to be eligible for these transfer pathways.*

- Although the credits granted by this agreement count toward more than one year of study, it is possible that the student may not be able to complete the Bachelor's degree within the two or three years following registration due to the university course schedules or the prerequisites for certain required courses.

**Transfer pathway n° 1 –** Promotion de l'activité physique (Boréal)
to Éducation physique et santé (EDPH) (Laurentienne)

| Diploma from Collège Boréal | Transfer to Laurentian University toward: | Specific courses to be completed at Collège Boréal | Credits granted by Laurentian |
|---|---|---|---|
| Promotion de l'activité physique (two years) | *Baccalauréat en Éducation physique et santé* [BA in Sport and Physical Education] 126 (credits) *École des sciences de l'activité physique* | BIO1026 – *Anatomie et physiologie* 1 [Anatomy and physiology 1] | EDPH 1506 – *Anatomie et kinésiologie I* [Anatomy and kinesiology I](3cr) |
| | | BIO1027 – *Anatomie et physiologie* 2 [Anatomy and physiology 2] | EDPH 1507 – *Anatomie et kinésiologie* II [Anatomy and kinesiology II](3cr) |
| | | SPR1013 – *Activité physique et santé* [Physical activity and health] | EDPH 1006 – *Science d'exercice, mieux-être et santé* [Science of exercise, well-being and health] (3cr) |
| | | SPR1006 – Nutrition | EDPH 4507– Nutrition (3cr) |
| | | SPR1014 – *Activités physiques II – Apprentissage moteur* [Physical activity II - Motor learning] | EDPH 2206 – *Apprentissage moteur* (3cr) [Motor learning] |
| | | INF1064 – *Culture technologique* [Technology culture] | COSC 9100 - *Logiciels d'applications* [Software applications] (3cr) |
| | | FRA1005 – *Français* [French] | FRAN 9100 (3cr) |
| | | ENG1003 – English Communications I | ENGL 9100 (3cr) |
| | | SOC1010 – *Communication interpersonnelle* [Interpersonal communication] | SOSC 9100 (3cr) |
| | | SPR1020 – Leadership II | SOSC 9200 (3cr) |
| | | SPR1011 - *Activité physiques I – techniques et tactiques* [Physical activity I - techniques and tactics] | EDPH 9100 (3cr) |
| | | SPR1005 – *Physiologie de la performance* [Physiology of performance] | EDPH 9100 (3cr) |
| | | SPR1003 – *Évaluation de la condition physique* [Fitness assessment] | EDPH 9100 (3cr) ----------- Total: **39 credits** |

**Number of credits to be completed\*: 87**

\*For more information about the list of courses to be completed at Laurentian University to obtain the aforementioned BA, visit Laurentian University's website (https://laurentienne.ca/programme/education-physique) or meet with an advisor at the Centre for Academic Excellence (ext. 3346). Note that the number of credits to be completed may change if changes are made to the EDPH program.

**Transfer pathway n° 2 –** Promotion de l'activité physique (Boréal) to Promotion de la santé (Laurentian)

| Diploma from Collège Boréal | Transfer to Laurentian University toward: | Specific courses to be completed at Collège Boréal | Credits granted by Laurentian |
|---|---|---|---|
| Promotion de l'activité physique (two years) | BA in *Promotion de la santé* 124.5 (credits) *École des sciences de l'activité physique* | BIO1026 – *Anatomie et physiologie* 1 [Anatomy and physiology 1] | EDPH 1506 – *Anatomie et kinésiologie I* [Anatomy and kinesiology I](3cr) |
| | | BIO1027 – *Anatomie et physiologie* 2 [Anatomy and physiology 2] | EDPH 1507 – *Anatomie et kinésiologie* II [Anatomy and kinesiology II](3cr) |
| | | SPR1013 – *Activité physique et santé* [Physical activity and health] | EDPH 1006 – *Science d'exercice, mieux-être et santé* [Exercise science, wellness and health] (3cr) |
| | | SPR1006 – Nutrition | EDPH 4507– Nutrition (3cr) |
| | | SPR1014 – *Activités physiques II – Apprentissage moteur* [Physical activity II - Motor learning] | EDPH 2206 – *Apprentissage moteur* (3cr) [Motor learning] |
| | | INF1064 – *Culture technologique* [Technology culture] | COSC 1017 - *Logiciels d'applications* [Software applications] (3cr) |
| | | FRA1005 – *Français* [French] | FRAN 9100 (3cr) |
| | | ENG1003 – English Communications I | ENGL 9100 (3cr) |
| | | SOC1010 – *Communication interpersonnelle* [Interpersonal communication] | SOSC 9100 (3cr) |
| | | SPR1020 – Leadership II | SOSC 9200 (3cr) |
| | | SPR1011 - *Activité physiques I – techniques et tactiques* [Physical activity I - techniques and tactics] | EDPH 9100 (3cr) |
| | | SPR1005 – *Physiologie de la performance* [Physiology of performance] | EDPH 9100 (3cr) |
| | | SPR1003 – *Évaluation de la condition physique* [Fitness assessment] | EDPH 9100 (3cr) |
| | | | ----------- Total: **39 credits** |

**Number of credits to be completed\*: 85.5**

\*For the list of courses to be completed at Laurentian University to obtain the aforementioned BA, visit Laurentian University's website(https://laurentienne.ca/programme/education-physique) or meet with an advisor at the Centre for Academic Excellence (ext. 3346) for more information. Note that the number of credits to be completed may change if changes are made to the program.

**Transfer pathway n° 3 –** Promotion de l'activité physique (Boréal) to Psychologie du sport (Laurentian)

| Diploma from Collège Boréal | Transfer to Laurentian University toward: | Specific courses to be completed at Collège Boréal | Credits granted by Laurentian |
|---|---|---|---|
| Promotion de l'activité physique (two years) | *Baccalauréat en Psychologie du sport* [BA in Sport Psychology] 124.5 (credits) **École des sciences de l'activité physique** | BIO1026 – Anatomie et physiologie 1 | EDPH 1506 – Anatomie et kinésiologie I (3cr) |
| | | BIO1027 – Anatomie et physiologie 2 | EDPH 1507 – Anatomie et kinésiologie II (3cr) |
| | | SPR1013 – Activité physique et santé | EDPH 1006 – Science d'exercice, mieux-être et santé (3cr) |
| | | SPR1006 – Nutrition | EDPH 4507– Nutrition (3cr) |
| | | SPR1014 – Activités physiques II – Apprentissage moteur | EDPH 2206 – Apprentissage moteur (3cr) |
| | | INF1064 – Culture technologique | COSC 1017 - Logiciels d'applications (3cr) |
| | | FRA1005 – Français | FRAN 9100 (3cr) |
| | | ENG1003 – English Communications I | ENGL 9100 (3cr) |
| | | SOC1010 – Communication interpersonnelle | SOSC 9100 (3cr) |
| | | SPR1020 – Leadership II | SOSC 9200 (3cr) |
| | | SPR1011 - Activité physiques I – techniques et tactiques | EDPH 9100 (3cr) |
| | | SPR1005 – Physiologie de la performance | EDPH 9100 (3cr) |
| | | SPR1003 – Évaluation de la condition physique | EDPH 9100 (3cr) ----------- Total: **39 credits** |

**Number of credits to be completed\*: 85.5**

\*For the list of courses to be completed at Laurentian University to obtain the aforementioned BA, visit Laurentian University's website(https://laurentienne.ca/programme/education-physique) or meet with an advisor at the Centre for Academic Excellence (ext. 3346) for more information. Note that the number of credits to be completed may change if changes are made to the program.

# Appendix B

**Four new transfer pathways for <u>one-year college programs</u>**

**Laurentian University - 2016 ONCAT Project**

These transfer pathways will be added to Appendix 1 of the Memorandum of Articulation Agreements between Collège Boréal, Laurentian University and the University of Sudbury (2014-2019).

**<u>For each of the four transfer pathways in this document:</u>**

- A one-year college certificate makes the student admissible to the University; however the **cumulative grade-point average (GPA) at college** and the affinities between the program of study shall determine the number of credits granted to the student.

- The student must always complete the required courses for the degree(s) chosen, except when a specific equivalent credit is granted by the University upon admission.

- Although the credits granted by the University sometimes represent the equivalent of one, two or even three year(s) of study, it is possible that the student may not be able to complete the BA within the two or three years following registration due to the university course schedule or because of the prerequisites for certain required courses.

**Transfer pathway n° 1 – General transfers**

| Certificate - Collège Boréal (one year) | Transfer to Laurentian University toward: | Specific courses to be completed at Collège Boréal | Cumulative grade-point average (GPA) at college | Credits granted by Laurentian |
|---|---|---|---|---|
| Programme général d'arts et de sciences (PASC) | ***Bachelor of Arts*** | Student's choice | from 3.2 to 4.0 | **between 15 and 30 credits*** |
| | | | from 2.8 to 3.19 | **12 credits*** |
| | | | from 2.4 to 2.79 | **6 credits*** |
| Programme général d'arts et de sciences (PASC) | **Other programs** | Student's choice | from 3.2 to 4.0 | **between 9 and 12 credits*** |
| | | | from 2.8 to 3.19 | **6 credits*** |
| | | | from 2.4 to 2.79 | **3 credits*** |

*based on the level of affinity with the program of study*

**Transfer pathway n° 2 – PASC to Psychologie**

*A cumulative grade-point average (GPA) at college of at least 3.2 or 80% is required to be eligible for this articulation.*

| Certificate - Collège Boréal (one year) | Transfer to Laurentian University toward: | Specific courses to be completed at Collège Boréal | Credits granted by Laurentian |
|---|---|---|---|
| Programme général d'arts et de sciences (PASC) | *Bachelor of Arts* in **Psychologie** | FRA1005 and FRA1006<br>PSY1001 and PSY1002<br><br>Six courses among:<br><br>*Social sciences*  *Humanities*<br><br>ARQ1005  ART1001<br>DRO1000  ENG1003<br>GEN1018  ENG1004<br>GEN1046  GEN1038<br>GEN1054  GEN1040<br>JUR1011  GEN1047<br>LOI1000  GEN1053<br>LOI1001  GEN1055<br>LOI1004  GEN1036<br>POL1000  SGS1002<br>SOC1001  SGS1006<br>SOC1002<br>SOC1010<br>TOX1000 | FRAN9100 (6)<br>PSYC1105 (6)<br><br><br>Combination of (18) credits:<br>SOSC 9100<br>or<br>HUMA 9200<br><br><br>-----------<br>Total: **30 credits** |

**Required first-year courses to be completed at Laurentian University\*:**

- LANG1005 – *Grammaire appliquée à la rédaction* [Applied grammar in writing]

\**The first-year courses to be completed at Laurentian University* may change when changes are made to the program curriculum. Please see Laurentian University's website for a current list of required first-year courses (https://laurentienne.ca/programme/psychologie-ba) or meet with an advisor at the Centre for Academic Excellence (ext. 3346) for more information.

**Transfer pathway n° 3 – PASC to Études de l'environnement**

*A cumulative grade-point average (GPA) at college of at least 3.0 or 75 %* is required to be eligible for this articulation.

| Certificate - Collège Boréal (one year) | Transfer to Laurentian University toward: | Specific courses to be completed at Collège Boréal | Credits granted by Laurentian |
|---|---|---|---|
| Programme général d'arts et de sciences (PASC) | *Bachelor of Arts* in **Études de l'environnement** | FRA1005 and FRA1006<br><br>Three courses among:<br>BIO1000    INF1039<br>BIO1013    INF1042<br>BIO 1026   INF1046<br>BIO1016    MAT1028<br>BIO 1027   MAT1026<br>CHI1000    MAT1006<br>CTN 1001   MAT1018<br>CTN 1001   PHY1000<br>INF1078    PSA1005<br>INF1072    PSA1006<br><br>Three courses among:<br><br>*Social sciences*   *Humanities*<br><br>ARQ1005    ART1001<br>DRO1000    ENG1003<br>GEN1018    ENG1004<br>GEN1046    GEN1038<br>GEN1054    GEN1040<br>JUR1011     GEN1047<br>LOI1000     GEN1053<br>LOI1001     GEN1055<br>LOI1004     GEN1036<br>POL1000    SGS1002<br>SOC1001    SGS1006<br>SOC1002<br>SOC1010<br>TOX1000 | FRAN9100 (6)<br><br><br>SCEN9100(3)<br>ARTS9100(6)<br><br><br><br><br><br>Combination of (9) credits:<br>SOSC 9100<br>or<br>HUMA 9200<br><br><br><br>-----------<br>Total: **24 credits** |

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**Required first-year courses to be completed at Laurentian University\*:**

- ENVI1406 – *Environnement I* [Environment I]

- ENVI1507 – *Environnement II* [Environment II]

- LANG1005 – Grammaire appliquée à la rédaction

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*\*The first-year courses to be completed at Laurentian University* may change when changes are made to the program curriculum. Please see Laurentian University's website for a current list of required first-year courses (https://laurentienne.ca/programme/psychologie-ba) or meet with an advisor at the Centre for Academic Excellence (ext. 3346) for more information.

# Transfer pathway n° 4 – PASC to *Mathématiques*

***A cumulative grade-point average (GPA) at college of at least 3.0 or 75 %*** *is required to be eligible for this articulation.*

| Certificate - Collège Boréal (one year) | Transfer to Laurentian University toward: | Specific courses to be completed at Collège Boréal | Credits granted by Laurentian |
|---|---|---|---|
| Programme général d'arts et de sciences (PASC) | **Mathématiques** | FRA1005 and FRA1006 | FRAN9100 (6) |
| | | Two courses among: | |
| | | BIO1000    INF1039 <br> BIO1013    INF1042 <br> BIO 1026    INF1046 <br> BIO1016    MAT1028* <br> BIO 1027    MAT1026* <br> CHI1000    MAT1006* <br> CTN 1001    MAT1018* <br> CTN 1001    PHY1000 <br> INF1078    PSA1005 <br> INF1072    PSA1006 | SCEN9100(3) <br> ARTS9100(3) |
| | | Four courses among: | |
| | | *Social sciences*      *Humanities* | Combination of (12) credits: <br> SOSC 9100 <br> or <br> HUMA 9200 |
| | | ARQ1005    ART1001 <br> DRO1000    ENG1003 <br> GEN1018    ENG1004 <br> GEN1046    GEN1038 <br> GEN1054    GEN1040 <br> JUR1011    GEN1047 <br> LOI1000    GEN1053 <br> LOI1001    GEN1055 <br> LOI1004    GEN1036 <br> POL1000    SGS1002 <br> SOC1001    SGS1006 <br> SOC1002 <br> SOC1010 <br> TOX1000 | ----------- <br> Total: **24 credits** |

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**Required first-year courses to be completed at Laurentian University*:**

- MATH1036 – *Calcul 1* [Calculus 1]
- MATH1037 – Calcul 2 [Calculus 2]
- MATH 1056 – *Mathématiques discrètes I* [Discrete mathematics I]
- MATH 1057 – *Algèbre linéaire I*  [Linear Algebra I]
- LANG1005 – Grammaire appliquée à la rédaction

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**The first-year courses to be completed at Laurentian University* may change when changes are made to the program curriculum. Please see Laurentian University's website for a current list of required first-year courses (https://laurentienne.ca/programme/psychologie-ba) or meet with an advisor at the Centre for Academic Excellence (ext. 3346) for more information.

Note: although the Grade 12 Advanced Functions 4U course is required to enter the BA - Mathématiques program, **two college courses** in mathematics are equivalent to a 4U mathematics course.

# Appendix C

## Transfer pathways between various Collège Boréal programs and Laurentian University's psychology program

| Collège Boréal Program | Credits granted by Laurentian | First- and second-year courses to be completed at Laurentian University** | Notes |
|---|---|---|---|
| **Éducation en services à l'enfance (GEEN)** two years (diploma) | **PSYC 1105 (6)** **HUMA 9100 (6)** **SOSC 9100 (18)** **SOSC 9200 (21)** ----------- **Total: 51 credits*** | LANG 1005 (6) PSYC 2006 (3) PSYC 2126 (3) PSYC 2127 (3) | Collège Boréal students must pass PSY 1001 and PSY 1002 to obtain their credits for PSYC 1105. |
| **Techniques de travail social (TOSC)** two years (diploma) | **SOCI 1015 (6)** **HUMA 9100 (9)** **COSC 1701 (3)** **SOSC 9100 (12)** **SOSC 9200 (30)** ----------- **Total: 60 credits*** | PSYC 1105 (6) LANG1005 (6) PSYC 2005 (6) PSYC 2126 (3) PSYC 2127 (3) | Collège Boréal students must pass SOC 1001 and SOC 1002 to obtain their credits for SOCI 1015. |
| **Techniques d'éducation spécialisée (TESQ)** three years (diploma) | **PSYC 1105 (6)** **HUMA 9100 (9)** **COSC 1701 (3)** **SOSC 9100 (18)** **SOSC 9200 (27)** ----------- **Total: 66 credits*** | LANG 1005 (6) PSYC 2005 (6) PSYC 2126 (3) PSYC 2127 (3) | Collège Boréal students must pass PSY 1001 and PSY 1002 to obtain their credits for PSYC 1105. |

*Although we grant the number of credits indicated, to complete a BA, the student must still meet the requirements of the degree. In some cases, and for certain combinations of degrees, the student may have to exceed the total of 120 credits to obtain the BA sought, because the majority of credits given are for electives.

*The first- and second-year courses to be completed at Laurentian University may change when changes are made to the program curriculum. Please see Laurentian University's website for a current list of required first- and second-year course: https://laurentienne.ca/programme/psychologie-ba or meet with an advisor at the Centre for Academic Excellence (ext. 3346) for more information.

*For each of the above transfer pathways:*
*- A minimum college grade-point average of 3.0 or 75% is required to obtain the credits indicated.*
*- Although the credits granted by the University sometimes represent the equivalent of one, two or even three year(s) of study, it is possible that the student may not be able to complete the BA within the two or three years following registration due to the university course schedule or because of the prerequisites for certain required courses.*