

Ontario Council on Articulation and Transfer (ONCAT)

Lakehead University Faculty of Science and Environmental Studies OnTransfer Information

Faculty of Science
& Environmental
Studies

Lakehead
UNIVERSITY

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Executive Summary

This document provides a visual representation of how OnTransfer.ca will present Lakehead University's information to prospective transfer students as well as provides details regarding Lakehead University's pathway agreements.

The following pathway summaries use information from Lakehead University's proposed ONCAT agreements. Each summary uses OnTransfer.ca's visual style, tone, and structure to provide an authentic representation of how Lakehead University's information will look but more importantly, how OnTransfer.ca will use the said information.

There are also important details that these visual representations do not address. Each pathway has some variation that changes the admission process for incoming students as well as Lakehead University staff. For example,

- Students entering into the **HBESc** (Biology, Geography) and the **HBESc** (Geography) from either an Ontario Advanced College Diploma (3 year) or an Ontario College Diploma (2 year) in Environmental Technology or Biotechnology will potentially receive a non-transferable block credit transfer. These students will have to complete a block of pre-determined courses to finish his or her degree. These courses will not change based on the sending institution.
- However, for Honours BSc (Water Resource Science) a student's advance standing will depend on their sending institution and past education. Students will potentially earn 10 FCEs and enter into year three of their degree (as in the above programs); however, Lakehead University Admissions will review each student's application and transcript to determine the courses that he or she will be awarded as well as the courses that he or she will need to complete at Lakehead.

Lakehead University will only guarantee course credit and advanced standing for the pathway that a student initially enters. If a student transfers to a different Lakehead University program, he or she will forfeit the agreed upon pathway credits and advanced standing.

In the case of a transfer, the student must re-apply to Lakehead University, Lakehead will then reassess the student's college transcript and base advanced admission solely on his or her college credentials.

Lakehead University will also need to change the Academic Calendar and alter the course codes of courses involved with the pathway agreements. For example, Biology 2110 will be BiologyT 2110. This variation will allow the Faculty and involved Departments to track student progress as well as audit the pathway degrees.

Search Results: Environmental Technology (3 year) pathway to Lakehead University’s HBESc (Biology) Degree

The following is an example of how OnTransfer.ca will present Lakehead University’s transfer information to prospective transfer students. This example uses the information from Durham College’s Advanced Diploma (3 year) in Environmental Technology and Lakehead University’s Bachelor of Environmental Science (Biology).

Note: This content will be displayed on a single webpage

| Sending Institution | | | Receiving Information | | |
|---------------------|--------------------------|-----------------------------------|-----------------------|--|------------|
| Name | Program Title | Credential | Name | Program Title | Credential |
| Durham College | Environmental Technology | College Advanced Diploma (3 year) | Lakehead University | Honours Bachelor of Environmental Science (Biology) | Degree |
| Durham College | Environmental Technology | College Advanced Diploma (3 year) | Lakehead University | Honours Bachelor of Environmental Science (Geography) | Degree |
| Durham College | Environmental Technology | College Advanced Diploma (3 year) | Lakehead University | Honours Bachelors of Environmental Studies (Geography) | Degree |

Figure 1

Figure 1 illustrates a student’s search results once he or she searches for Lakehead University and its pathway options. Prospective students will use this information to view the details about their transfer pathways (see below) or to compare transfer pathway by institution, program, or credential type.

Environmental Technology (3 year) pathway to Lakehead University's HBESc (Biology) Degree

Pathway Summary

| | |
|-----------------------------|---|
| <i>Pathway ID</i> | XXXX (This will vary for each pathway) |
| <i>Pathway Title</i> | Honours Bachelor of Environmental Science (Biology) |
| <i>Pathway Last Updated</i> | 06/11/2013 |

Sending Institution Information

| | |
|-----------------------------|---|
| <i>Sending Institution</i> | Sending Institution (This will vary for each pathway) |
| <i>Discipline/ Division</i> | Science and Engineering Technology |
| <i>Program Area</i> | Energy, Environment, Natural Resources |
| <i>Program Title</i> | Environmental Technology |

Receiving Institution Information

| | |
|------------------------------|---|
| <i>Receiving Institution</i> | Lakehead University |
| <i>Discipline/ Division</i> | Science, Technology |
| <i>Program Area</i> | Faculty of Science and Environmental Studies |
| <i>Program Title</i> | Honours Bachelor of Environmental Science (Biology) |

Contact Procedures

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955 Oliver Road
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T: 807-343-3190
E: tbay@lakeheadu.ca
<https://www.lakeheadu.ca/future-students/admissions>

Pathway Details

Terms for renewal or cancellation

Lakehead University will review this transfer pathway every five years, altering information and agreements when necessary. Changes made to this pathway will not

affect students currently enrolled at Lakehead University. Students enrolled at Lakehead University will continue their degree under the original pathway agreement.

Eligibility for Pathway

Eligible applicants with an Ontario College Advanced Diploma (3 year) in Environmental Technology, who have a minimum average of 75%, will be considered for admission to Lakehead University's Honours Bachelor of Environmental Science (Biology) program.

Possessing the minimum average does not guarantee admission, as Lakehead University will give preference to applicants with the best qualifications.

Credit transfer

Qualified applicants are eligible for third year standing in Lakehead University's Honours Bachelor of Environmental Science (Biology) program.

Accepted students will also receive a block transfer of 10 non-transferable FCE towards the 20 FCE required for a Lakehead University Honours Bachelor of Environmental Science (Biology) degree.

Credits that must be achieved at the receiving institution

Accepted students must complete the following 10 FCE courses at Lakehead University to be eligible for an Honours Bachelor of Environmental Science degree in Biology.

First year at Lakehead University

- Mathematics 2310 and 2311
- Chemistry 2111, 2211, **or** 2231(select two)
- Biology 2171, BIOL 2230, **or** BIOL 2711 (select two)
- Environmental Studies 3094
- 0.5 FCE Environmental Studies elective (Science Stream)
- 0.5 FCE from Ecology, Evolution & Environmental Biology (in the list of Biology Elective Streams (b), of the Biology Programs)

Second Year at Lakehead University

- Environmental Studies 4810
- 1.0 FCE from Ecology, Evolution, and Environmental Biology (in the list of Biology Elective Streams (b), of the Biology Programs)
- 2.0 FCE Biology courses at the 3rd or 4th year level selected from the list of Ecology, Evolution, and Environmental Biology courses.
- 1.0 FCE open elective
- 0.5 FCE Environmental Studies Elective (Science Stream)

Note: Lakehead University does not require accepted students to complete a bridging program.

Anticipated normal schedule of student progression

Lakehead University will admit accepted students during the fall study period. Successful applicants will complete their Honours Bachelor of Environmental Science degree (Biology) in four academic semesters or two academic years (10 FCE courses).

For detailed course and degree information, consult Lakehead University's most recent [Academic Calendar](#).

Credentials to be granted on successful completion of all required components

Honours Bachelor of Environmental Science (Biology)

Environmental Technology (3 year) pathway to Lakehead University's HBESc (Geography) Degree

Pathway Summary

| | |
|-----------------------------|---|
| <i>Pathway ID</i> | XXXX (This will vary for each pathway) |
| <i>Pathway Title</i> | Honours Bachelor of Environmental Science (Geography) |
| <i>Pathway Last Updated</i> | 06/15/2013 |

Sending Institution Information

| | |
|----------------------------|---|
| <i>Sending Institution</i> | Sending Institution (This will vary for each pathway) |
| <i>Discipline/Division</i> | Science, Technology |
| <i>Program Area</i> | Energy, Environment, Natural Resources |
| <i>Program Title</i> | Environmental Technology |

Receiving Institution Information

| | |
|------------------------------|---|
| <i>Receiving Institution</i> | Lakehead University |
| <i>Discipline/ Division</i> | Science, Technology |
| <i>Program Area</i> | Faculty of Science and Environmental Studies |
| <i>Program Title</i> | Honours Bachelor of Environmental Science (Geography) |

Contact Procedures

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<https://www.lakeheadu.ca/future-students/admissions>

Pathway Details

Terms for renewal or cancellation

Lakehead University will review this transfer pathway every five years, altering information and agreements when necessary. Changes made to this pathway will not

affect students currently enrolled at Lakehead University. Students enrolled at Lakehead University will continue their degree under the original pathway agreement.

Eligibility for Pathway

Eligible applicants with an Ontario College Advanced Diploma (3 year) in Environmental Technology, who have a minimum average of 75%, will be considered for admission to Lakehead University's Honours Bachelor of Environmental Science (Geography) program.

Possessing the minimum average does not guarantee admission, as Lakehead University will give preference to applicants with the best qualifications.

Credit transfer

Qualified applicants are eligible for third year standing in Lakehead University's Honours Bachelor of Environmental Science (Geography) program.

Accepted students will also receive a block transfer of 10 non-transferable FCE towards the 20 FCE required for a Lakehead University Honours Bachelor of Environmental Science (Geography) degree.

Credits that must be achieved at the receiving institution

Accepted students must complete the following 10 FCE courses at Lakehead University to be eligible for an Honours Bachelor of Environmental Science Degree (Geography).

First year at Lakehead University

- 0.5 FCE at the first year level from: Anthropology, Economics, English, History Indigenous Learning, Philosophy, Political Science, Sociology
- Geography 2251, 2331 & 2351
- Geography 2811 **or** 2511 (select one)
- Environmental Studies 2013
- Environmental Studies 3094
- 1.0 FCE in Geography at the third year level
- 0.5 FCE Environmental Studies elective (Science stream)

Second year at Lakehead University

- Environmental Studies 4810
- 2.5 FCE in Geography at the fourth year level
- 0.5 FCE Environmental Studies elective (Arts steam)
- 1.5 FCE open elective

Note: Lakehead University does not require accepted students to complete a bridging program.

Anticipated normal schedule of student progression

Lakehead University will admit accepted students during the fall study period. Successful applicants will complete their Honours Bachelor of Environmental Science degree (Geography) in four academic semesters or two academic years (10 FCE courses).

For detailed course and degree information, consult Lakehead University's most recent [Academic Calendar](#).

Credentials to be granted on successful completion of all required components

Honours Bachelor of Environmental Science (Geography Major)

Environmental Technology (3 year) pathway to Lakehead University's HBES (Biology) Degree

| | |
|-----------------------------|---|
| <i>Pathway ID</i> | XXXX (This will vary for each pathway) |
| <i>Pathway Title</i> | Honours Bachelor of Environmental Studies (Geography) |
| <i>Pathway Last Updated</i> | 06/15/2013 |

Sending Institution Information

| | |
|-----------------------------|--|
| <i>Sending Institution</i> | Enter College Name (This will vary for each pathway) |
| <i>Discipline/ Division</i> | Science and Engineering Technology |
| <i>Program Area</i> | Energy, Environment, Natural Resources |
| <i>Program Title</i> | Environmental Technology |

Receiving Institution Information

| | |
|------------------------------|---|
| <i>Receiving Institution</i> | Lakehead University |
| <i>Discipline/ Division</i> | Science, Technology |
| <i>Program Area</i> | Faculty of Science and Environmental Studies |
| <i>Program Title</i> | Honours Bachelor of Environmental Studies (Geography) |

Contact Procedures

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Pathway Details

Lakehead University will review this transfer pathway every five years, altering information and agreements when necessary. Changes made to this pathway will not affect students currently enrolled at Lakehead University. Students enrolled at Lakehead University will continue their degree under the original pathway agreement

Eligibility for Pathway

Eligible applicants with an Ontario College Advanced Diploma (3 year) in Environmental Technology, who have a minimum average of 75%, will be considered for admission to Lakehead University's Honours Bachelor of Environmental Studies (Geography) program.

Possessing the minimum average does not guarantee admission, as Lakehead University will give preference to applicants with the best qualifications

Credit transfer

Qualified applicants are eligible for third year standing in Lakehead University's Honours Bachelor of Environmental Studies (Geography) program.

Accepted students will also receive a block transfer of 10 non-transferable FCE towards the 20 FCE required for a Lakehead University Honours Bachelor of Environmental Studies (Geography) degree.

Credits that must be achieved at the receiving institution

Accepted students must complete the following 10 FCE courses at Lakehead University to be eligible for an Honours Bachelor of Environmental Studies (Geography).

First year at Lakehead University

- 1.0 FCE at the first year level from: History, Indigenous Learning, Economics, Philosophy, Political Science, Sociology
- Geography 2251, 2331 & 2351
- Geography 2811 **or** 2511 (select one)
- Environmental Studies 2013
- Environmental Studies 3094
- 1.0 FCE in Geography at the third year level (excluding Geography 3291 and 3292)

Second year at Lakehead University

- Environmental Studies 4810
- 2.5 FCE in Geography at the fourth year level
- 0.5 FCE Environmental Studies elective (arts stream)
- 1.5 FCE open elective

Note: Lakehead University does not require accepted students to complete a bridging program.

Anticipated normal schedule of student progression

Lakehead University will admit accepted students during the fall study period. Successful applicants will complete their Honours Bachelor of Environmental Studies degree (Geography) in four academic semesters or two academic years (10 FCE courses).

For detailed course and degree information, consult Lakehead University's most recent [Academic Calendar](#).

Credentials to be granted on successful completion of all required components

Honours Bachelor of Environmental Studies Degree in Biology

Search Results: Biotechnology (2 year) pathway to Lakehead University's HBSc (Bio-Molecular Science) Degree

| Sending Institution | | | Receiving Information | | |
|---------------------|---------------|--------------------------|-----------------------|---|------------|
| Name | Program Title | Credential | Name | Program Title | Credential |
| Mohawk College | Biotechnology | College Diploma (2 year) | Lakehead University | Honours BSc Applied Bio-Molecular Science | Degree |
| Mohawk College | Biotechnology | College Diploma (2 year) | Lakehead University | Honours BSc Applied Bio-Molecular Science | Degree |

Figure 2

Biotechnology (3 year) pathway to Lakehead University's HBSc (Bio-Molecular Science) Degree

Pathway Summary

| | |
|-----------------------------|--|
| <i>Pathway ID</i> | XXXX (This will vary for each pathway) |
| <i>Pathway Title</i> | Honours Bio-Molecular Science Degree |
| <i>Pathway Last Updated</i> | 06/15/2013 |

Sending Institution Information

| | |
|-----------------------------|--|
| <i>Sending Institution</i> | Enter College Name (This will vary for each pathway) |
| <i>Discipline/ Division</i> | Science and Engineering Technology |
| <i>Program Area</i> | Biology/ Bioinformatics/ Chemistry |
| <i>Program Title</i> | Biotechnology |

Receiving Institution Information

| | |
|------------------------------|--|
| <i>Receiving Institution</i> | Lakehead University |
| <i>Discipline/ Division</i> | Science and Technology |
| <i>Program Area</i> | Faculty of Science and Environmental Studies |
| <i>Program Title</i> | Honours BSc Bio-Molecular Science Degree |

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Terms for renewal or cancellation

Lakehead University will review this transfer pathway every five years, altering information and agreements when necessary. Changes made to this pathway will not affect students currently enrolled at Lakehead University. Students enrolled at Lakehead University will continue their degree under the original pathway agreement.

Eligibility for Pathway

Eligible applicants with an Ontario College Advanced Diploma (3 year) in Biotechnology, who have a minimum average of 75%, will be considered for admission to Lakehead University's Honours BSc Applied Bio-Molecular Science program.

Possessing the minimum average does not guarantee admission, as Lakehead University will give preference to applicants with the best qualifications.

Credit Transfer

Qualified applicants are eligible for third year standing in Lakehead University's Honours BSc Applied Bio-Molecular Science program.

Accepted students will receive a block transfer of 10 non-transferable FCE towards the 20 FCE required for a Lakehead University Honours BSc Applied Bio-Molecular Science program.

Credits that must be achieved at the receiving institution

Accepted students must complete the following 10 FCE courses at Lakehead University to be eligible for an Honours Applied BSc Applied Bio-Molecular Science degree.

First year at Lakehead University

- Anthropology 2110
- Chemistry 2211, 2231
- Biology 2230
- Physics 1101 **or** 1113 **&** 1133
- Mathematics 1151 **&** 1152 **or** Mathematics 1171 **&** MATH 1172
- 0.5 FCE elective from the list of [recommended courses](#)
- 0.5 FCE elective

Second year at Lakehead University

- Anthropology 3188
- Chemistry 3251/ Biology 3252 **&** Chemistry 3272/ Biology 3272
- Mathematics 2310 **&** 2311 **or** Kinesiology 3030 **&** 0.5 FCE elective
- 2.5 FCE elective from the list of [recommended courses](#)

Note: Lakehead University does not require accepted students to complete a bridging program

Anticipated normal schedule of student progression

Lakehead University will admit accepted students during the fall study period. Successful applicants will complete their Honours BSc Applied Bio-Molecular Science degree in four academic semesters or two academic years (10 FCE courses).

For detailed course and degree information, consult Lakehead University's most recent [Academic Calendar](#).

Credentials to be granted on successful completion of all required components

Honours BSc in Applied Bio-Molecular Science

Biotechnology (2 year) pathway to Lakehead University's HBSc (Bio-Molecular Science) Degree

Pathway Summary

| | |
|-----------------------------|--|
| <i>Pathway ID</i> | XXXX (This will vary for each pathway) |
| <i>Pathway Title</i> | Honours Bio-Molecular Science Degree |
| <i>Pathway Last Updated</i> | 06/15/2013 |

Sending Institution Information

| | |
|-----------------------------|--|
| <i>Sending Institution</i> | Enter College Name (This will vary for each pathway) |
| <i>Discipline/ Division</i> | Science and Engineering Technology |
| <i>Program Area</i> | Biology/ Bioinformatics/ Chemistry |
| <i>Program Title</i> | Biotechnology |

Receiving Institution Information

| | |
|------------------------------|--|
| <i>Receiving Institution</i> | Lakehead University |
| <i>Discipline/ Division</i> | Science and Technology |
| <i>Program Area</i> | Faculty of Science and Environmental Studies |
| <i>Program Title</i> | Honours BSc Bio-Molecular Science Degree |

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Pathway Details

Lakehead University will review this transfer pathway every five years, altering information and agreements when necessary. Changes made to this pathway will not affect students currently enrolled at Lakehead University. Students enrolled at Lakehead University will continue their degree under the original pathway agreement.

Eligibility for Pathway

Eligible applicants with an Ontario College Diploma (2 year) in Biotechnology, who have a minimum average of 75%, will be considered for admission to Lakehead University's Honours BSc Applied Bio-Molecular Science program.

Possessing the minimum average does not guarantee admission, as Lakehead University will give preference to applicants with the best qualifications.

Credit Transfer

Qualified applicants are eligible for second year standing in Lakehead University's Honours BSc Applied Bio-Molecular Science program.

Accepted students will receive a block transfer of five non-transferable FCE towards the 20 FCE required for a Lakehead University Honours BSc Applied Bio-Molecular Science program.

Credits that must be achieved at the receiving institution

Accepted students must complete the following 15 FCE courses at Lakehead University to be eligible for an Honours Applied BSc Applied Bio-Molecular Science degree.

First year at Lakehead University

- Biology 1110, 1130
- Chemistry 1110, 1130
- Physics 1101 **or** 1113 & 1133
- Mathematics 1151 & 1152 **or** Mathematics 1171 & 1172
- Anthropology 1032
- 0.5 FCE elective

Second year at Lakehead University

- Anthropology 2110
- Chemistry 2211, 2231
- Biology 2230
- Mathematics 2310 & 2311 **or** Kinesiology 3030 & 0.5 FCE elective
- 1.0 FCE elective from the list of [recommended courses](#)
- 1.0 elective

Third year at Lakehead University

- Anthropology 3138
- Chemistry 3251/ Biology 3252 **and** Chemistry 3272/ Biology 3272
- 2.5 FCE elective from the list of [recommended courses](#)

- 1.0 FCE elective

Note: Lakehead University does not require accepted students to complete a bridging program

Anticipated normal schedule of student progression

Lakehead University will admit accepted students during the fall study period. Successful applicants will complete their Honours BSc Applied Bio-Molecular Science degree in six academic semesters or three academic years (15 FCE courses).

For detailed course and degree information, consult Lakehead University's most recent [Academic Calendar](#).

Credentials to be granted on successful completion of all required components

Honours BSc in Applied Bio-Molecular Science

Search Results: Environmental Technology (3 year) pathway to Lakehead University's HBSc (Water Resource Science) Degree

| Sending Institution | | | Receiving Information | | |
|---------------------|--------------------------|-----------------------------------|-----------------------|---|------------|
| Name | Program Title | Credential | Name | Program Title | Credential |
| Durham College | Environmental Technology | College Advanced Diploma (3 year) | Lakehead University | Honours Bachelor of Environmental Science (Water Resource Management) | Degree |
| Fleming College | Environmental Technology | College Advanced Diploma (3 year) | Lakehead University | Honours Bachelor of Environmental Science (Water Resource Management) | Degree |
| Georgian College | Environmental Technology | College Advanced Diploma (3 year) | Lakehead University | Honours Bachelor of Environmental Science (Water Resource Management) | Degree |
| Loyalist College | Environmental Technology | College Advanced Diploma (3 year) | Lakehead University | Honours Bachelor of Environmental Science (Water Resource Management) | Degree |
| Centennial College | Environmental Technology | College Advanced Diploma (3 year) | Lakehead University | Honours Bachelor of Environmental Science (Water Resource Management) | Degree |

| | | | | | |
|------------------|--------------------------|-----------------------------------|---------------------|---|--------|
| Fanshawe College | Environmental Technology | College Advanced Diploma (3 year) | Lakehead University | Honours Bachelor of Environmental Science (Water Resource Management) | Degree |
| Seneca College | Environmental Technology | College Advanced Diploma (3 year) | Lakehead University | Honours Bachelor of Environmental Science (Water Resource Management) | Degree |

Figure 3

Durham College Environmental Technology Diploma (3 year) to Lakehead University's HBSc (Water Resource Science) Degree

Pathway Summary

| | |
|-----------------------------|--|
| <i>Pathway ID</i> | XXXX (This will vary for each pathway) |
| <i>Pathway Title</i> | Honours Bachelor of Science (Water Resource Science) |
| <i>Pathway Last Updated</i> | 09/15/2013 |

Sending Institution Information

| | |
|-----------------------------|--|
| <i>Sending Institution</i> | Durham College |
| <i>Discipline/ Division</i> | Science and Engineering Technology |
| <i>Program Area</i> | Energy, Environmental, Natural Resources |
| <i>Program Title</i> | Environmental Technology |

Receiving Institution Information

| | |
|------------------------------|--|
| <i>Receiving Institution</i> | Lakehead University |
| <i>Discipline/ Division</i> | Science, Technology |
| <i>Program Area</i> | Faculty of Science and Environmental Studies |
| <i>Program Title</i> | Honours Bachelor of Science (Water Resource Science) |

Contact Procedures

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Terms for renewal or cancellation

Lakehead University will review this transfer pathway every five years, altering information and agreements when necessary. Changes made to this pathway will not

affect students currently enrolled at Lakehead University. Students enrolled at Lakehead University will continue their degree under the original pathway agreement.

Credit transfer

Qualified applicants are eligible for third year standing in Lakehead University's Honours Bachelor of Science (Water Resource Science) program based on his or her individual college experience.

Accepted students can receive a block transfer of 10 non-transferable FCE towards the 20 FCE required for a Lakehead University Honours Bachelor of Science (Water Resource Science) degree.

Credits that must be achieved at the receiving institution

Accepted students must complete a minimum of 10 FCE courses at Lakehead University to be eligible for an Honours Bachelor of Science (Water Resource Science) degree. For a complete list of courses that must be achieved at Lakehead University, see Lakehead University Calendar. To access the Lakehead University calendar, click the following link:

- [Honours BSc \(Water Resource Science Major\) Pathway Transition Programs - Durham College](#)

Note: Lakehead University does not require accepted students to complete a bridging program.

Anticipated normal schedule of student progression

Lakehead University will admit accepted students during the fall study period. Successful applicants will complete their Honours Bachelor of Science (Water Resource Science) degree in four academic semesters or two academic years (10 FCE courses).

For detailed course and degree information, consult Lakehead University's most recent [Academic Calendar](#).

Credentials to be granted on successful completion of all required components

Honours Bachelor of Science Degree in Water Resource Science

Fleming College Environmental Technology Diploma (3 year) to Lakehead University's HBSc (Water Resource Science) Degree

Pathway Summary

| | |
|-----------------------------|--|
| <i>Pathway ID</i> | XXXX (This will vary for each pathway) |
| <i>Pathway Title</i> | Honours Bachelor of Science (Water Resource Science) |
| <i>Pathway Last Updated</i> | 09/15/2013 |

Sending Institution Information

| | |
|-----------------------------|--|
| <i>Sending Institution</i> | Fleming College |
| <i>Discipline/ Division</i> | Science and Engineering Technology |
| <i>Program Area</i> | Energy, Environmental, Natural Resources |
| <i>Program Title</i> | Environmental Technology |

Receiving Institution Information

| | |
|------------------------------|--|
| <i>Receiving Institution</i> | Lakehead University |
| <i>Discipline/ Division</i> | Science, Technology |
| <i>Program Area</i> | Faculty of Science and Environmental Studies |
| <i>Program Title</i> | Honours Bachelor of Science (Water Resource Science) |

Contact Procedures

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T: 807-343-3190
E: tbay@lakeheadu.ca
<https://www.lakeheadu.ca/future-students/admissions>

Terms for renewal or cancellation

Lakehead University will review this transfer pathway every five years, altering information and agreements when necessary. Changes made to this pathway will not

affect students currently enrolled at Lakehead University. Students enrolled at Lakehead University will continue their degree under the original pathway agreement.

Credit transfer

Qualified applicants are eligible for third year standing in Lakehead University's Honours Bachelor of Science (Water Resource Science) program based on his or her individual college experience.

Accepted students can receive a block transfer of 10 non-transferable FCE towards the 20 FCE required for a Lakehead University Honours Bachelor of Science (Water Resource Science) degree.

Credits that must be achieved at the receiving institution

Accepted students must complete a minimum of 10 FCE courses at Lakehead University to be eligible for an Honours Bachelor of Science (Water Resource Science) degree. For a complete list of courses that must be achieved at Lakehead University, see Lakehead University Calendar. To access the Lakehead University calendar, click the following link:

- [Honours BSc \(Water Resource Science Major\) Pathway Transition Programs - Fleming College](#)

Note: Lakehead University does not require accepted students to complete a bridging program.

Anticipated normal schedule of student progression

Lakehead University will admit accepted students during the fall study period. Successful applicants will complete their Honours Bachelor of Science (Water Resource Science) degree in four academic semesters or two academic years (10 FCE courses).

For detailed course and degree information, consult Lakehead University's most recent [Academic Calendar](#).

Credentials to be granted on successful completion of all required components

Honours Bachelor of Science Degree in Water Resource Science

Georgian College Environmental Technology Diploma (3 year) to Lakehead University's HBSc (Water Resource Science) Degree

Pathway Summary

| | |
|-----------------------------|--|
| <i>Pathway ID</i> | XXXX (This will vary for each pathway) |
| <i>Pathway Title</i> | Honours Bachelor of Science (Water Resource Science) |
| <i>Pathway Last Updated</i> | 09/15/2013 |

Sending Institution Information

| | |
|-----------------------------|--|
| <i>Sending Institution</i> | Georgian College |
| <i>Discipline/ Division</i> | Science and Engineering Technology |
| <i>Program Area</i> | Energy, Environmental, Natural Resources |
| <i>Program Title</i> | Environmental Technology |

Receiving Institution Information

| | |
|------------------------------|--|
| <i>Receiving Institution</i> | Lakehead University |
| <i>Discipline/ Division</i> | Science, Technology |
| <i>Program Area</i> | Faculty of Science and Environmental Studies |
| <i>Program Title</i> | Honours Bachelor of Science (Water Resource Science) |

Contact Procedures

Lakehead University
955 Oliver Road
Thunder Bay, ON, P7B 5E1
T: 807-343-3190
E: tbay@lakeheadu.ca
<https://www.lakeheadu.ca/future-students/admissions>

Terms for renewal or cancellation

Lakehead University will review this transfer pathway every five years, altering information and agreements when necessary. Changes made to this pathway will not

affect students currently enrolled at Lakehead University. Students enrolled at Lakehead University will continue their degree under the original pathway agreement.

Credit transfer

Qualified applicants are eligible for third year standing in Lakehead University's Honours Bachelor of Science (Water Resource Science) program based on his or her individual college experience.

Accepted students can receive a block transfer of 10 non-transferable FCE towards the 20 FCE required for a Lakehead University Honours Bachelor of Science (Water Resource Science) degree.

Credits that must be achieved at the receiving institution

Accepted students must complete a minimum of 10 FCE courses at Lakehead University to be eligible for an Honours Bachelor of Science (Water Resource Science) degree. For a complete list of courses that must be achieved at Lakehead University, see Lakehead University Calendar. To access the Lakehead University calendar, click the following link:

- [Honours BSc \(Water Resource Science Major\) Pathway Transition Programs - Georgian College](#)

Note: Lakehead University does not require accepted students to complete a bridging program.

Anticipated normal schedule of student progression

Lakehead University will admit accepted students during the fall study period. Successful applicants will complete their Honours Bachelor of Science (Water Resource Science) degree in four academic semesters or two academic years (10 FCE courses).

For detailed course and degree information, consult Lakehead University's most recent [Academic Calendar](#).

Credentials to be granted on successful completion of all required components

Honours Bachelor of Science Degree in Water Resource Science

Loyalist College Environmental Technology Diploma (3 year) to Lakehead University's HBSc (Water Resource Science) Degree

Pathway Summary

| | |
|-----------------------------|--|
| <i>Pathway ID</i> | XXXX (This will vary for each pathway) |
| <i>Pathway Title</i> | Honours Bachelor of Science (Water Resource Science) |
| <i>Pathway Last Updated</i> | 09/15/2013 |

Sending Institution Information

| | |
|-----------------------------|--|
| <i>Sending Institution</i> | Loyalist College |
| <i>Discipline/ Division</i> | Science and Engineering Technology |
| <i>Program Area</i> | Energy, Environmental, Natural Resources |
| <i>Program Title</i> | Environmental Technology |

Receiving Institution Information

| | |
|------------------------------|--|
| <i>Receiving Institution</i> | Lakehead University |
| <i>Discipline/ Division</i> | Science, Technology |
| <i>Program Area</i> | Faculty of Science and Environmental Studies |
| <i>Program Title</i> | Honours Bachelor of Science (Water Resource Science) |

Contact Procedures

Lakehead University
955 Oliver Road
Thunder Bay, ON, P7B 5E1
T: 807-343-3190
E: tbay@lakeheadu.ca
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Terms for renewal or cancellation

Lakehead University will review this transfer pathway every five years, altering information and agreements when necessary. Changes made to this pathway will not

affect students currently enrolled at Lakehead University. Students enrolled at Lakehead University will continue their degree under the original pathway agreement.

Credit transfer

Qualified applicants are eligible for third year standing in Lakehead University's Honours Bachelor of Science (Water Resource Science) program based on his or her individual college experience.

Accepted students can receive a block transfer of 10 non-transferable FCE towards the 20 FCE required for a Lakehead University Honours Bachelor of Science (Water Resource Science) degree.

Credits that must be achieved at the receiving institution

Accepted students must complete a minimum of 10 FCE courses at Lakehead University to be eligible for an Honours Bachelor of Science (Water Resource Science) degree. For a complete list of courses that must be achieved at Lakehead University, see Lakehead University Calendar. To access the Lakehead University calendar, click the following link

- [Honours BSc \(Water Resource Science Major\) Pathway Transition Programs - Loyalist College](#)

Note: Lakehead University does not require accepted students to complete a bridging program.

Anticipated normal schedule of student progression

Lakehead University will admit accepted students during the fall study period. Successful applicants will complete their Honours Bachelor of Science (Water Resource Science) degree in four academic semesters or two academic years (10 FCE courses).

For detailed course and degree information, consult Lakehead University's most recent [Academic Calendar](#).

Credentials to be granted on successful completion of all required components

Honours Bachelor of Science Degree in Water Resource Science

Fanshawe College Environmental Technology Diploma (3 year) to Lakehead University's HBSc (Water Resource Science) Degree

Pathway Summary

| | |
|-----------------------------|--|
| <i>Pathway ID</i> | XXXX (This will vary for each pathway) |
| <i>Pathway Title</i> | Honours Bachelor of Science (Water Resource Science) |
| <i>Pathway Last Updated</i> | 09/15/2013 |

Sending Institution Information

| | |
|-----------------------------|--|
| <i>Sending Institution</i> | Fanshawe College |
| <i>Discipline/ Division</i> | Science and Engineering Technology |
| <i>Program Area</i> | Energy, Environmental, Natural Resources |
| <i>Program Title</i> | Environmental Technology |

Receiving Institution Information

| | |
|------------------------------|--|
| <i>Receiving Institution</i> | Lakehead University |
| <i>Discipline/ Division</i> | Science, Technology |
| <i>Program Area</i> | Faculty of Science and Environmental Studies |
| <i>Program Title</i> | Honours Bachelor of Science (Water Resource Science) |

Contact Procedures

Lakehead University
955 Oliver Road
Thunder Bay, ON, P7B 5E1
T: 807-343-3190
E: tbay@lakeheadu.ca
<https://www.lakeheadu.ca/future-students/admissions>

Terms for renewal or cancellation

Lakehead University will review this transfer pathway every five years, altering information and agreements when necessary. Changes made to this pathway will not

affect students currently enrolled at Lakehead University. Students enrolled at Lakehead University will continue their degree under the original pathway agreement.

Credit transfer

Qualified applicants are eligible for third year standing in Lakehead University's Honours Bachelor of Science (Water Resource Science) program based on his or her individual college experience.

Accepted students can receive a block transfer of 10 non-transferable FCE towards the 20 FCE required for a Lakehead University Honours Bachelor of Science (Water Resource Science) degree.

Credits that must be achieved at the receiving institution

Accepted students must complete a minimum of 10 FCE courses at Lakehead University to be eligible for an Honours Bachelor of Science (Water Resource Science) degree. For a complete list of courses that must be achieved at Lakehead University, see Lakehead University Calendar. To access the Lakehead University calendar, click the following link

- [Honours BSc \(Water Resource Science Major\) Pathway Transition Programs - Fanshawe College](#)

Note: Lakehead University does not require accepted students to complete a bridging program.

Anticipated normal schedule of student progression

Lakehead University will admit accepted students during the fall study period. Successful applicants will complete their Honours Bachelor of Science (Water Resource Science) degree in four academic semesters or two academic years (10 FCE courses).

For detailed course and degree information, consult Lakehead University's most recent [Academic Calendar](#).

Credentials to be granted on successful completion of all required components

Honours Bachelor of Science Degree in Water Resource Science

Seneca College Environmental Technology Diploma (3 year) to Lakehead University's HBSc (Water Resource Science) Degree

Pathway Summary

| | |
|-----------------------------|--|
| <i>Pathway ID</i> | XXXX (This will vary for each pathway) |
| <i>Pathway Title</i> | Honours Bachelor of Science (Water Resource Science) |
| <i>Pathway Last Updated</i> | 09/15/2013 |

Sending Institution Information

| | |
|-----------------------------|--|
| <i>Sending Institution</i> | Seneca College |
| <i>Discipline/ Division</i> | Science and Engineering Technology |
| <i>Program Area</i> | Energy, Environmental, Natural Resources |
| <i>Program Title</i> | Environmental Technology |

Receiving Institution Information

| | |
|------------------------------|--|
| <i>Receiving Institution</i> | Lakehead University |
| <i>Discipline/ Division</i> | Science, Technology |
| <i>Program Area</i> | Faculty of Science and Environmental Studies |
| <i>Program Title</i> | Honours Bachelor of Science (Water Resource Science) |

Contact Procedures

Lakehead University
955 Oliver Road
Thunder Bay, ON, P7B 5E1
T: 807-343-3190
E: tbay@lakeheadu.ca
<https://www.lakeheadu.ca/future-students/admissions>

Terms for renewal or cancellation

Lakehead University will review this transfer pathway every five years, altering information and agreements when necessary. Changes made to this pathway will not

affect students currently enrolled at Lakehead University. Students enrolled at Lakehead University will continue their degree under the original pathway agreement.

Credit transfer

Qualified applicants are eligible for third year standing in Lakehead University's Honours Bachelor of Science (Water Resource Science) program based on his or her individual college experience.

Accepted students can receive a block transfer of 10 non-transferable FCE towards the 20 FCE required for a Lakehead University Honours Bachelor of Science (Water Resource Science) degree.

Credits that must be achieved at the receiving institution

Accepted students must complete a minimum of 10 FCE courses at Lakehead University to be eligible for an Honours Bachelor of Science (Water Resource Science) degree. For a complete list of courses that must be achieved at Lakehead University, see Lakehead University Calendar. To access the Lakehead University calendar, click the following link

- [Honours BSc \(Water Resource Science Major\) Pathway Transition Programs - Seneca College](#)

Note: Lakehead University does not require accepted students to complete a bridging program.

Anticipated normal schedule of student progression

Lakehead University will admit accepted students during the fall study period. Successful applicants will complete their Honours Bachelor of Science (Water Resource Science) degree in four academic semesters or two academic years (10 FCE courses).

For detailed course and degree information, consult Lakehead University's most recent [Academic Calendar](#).

Credentials to be granted on successful completion of all required components

Honours Bachelor of Science Degree in Water Resource Science

Centennial College Environmental Technology Diploma (3 year) to Lakehead University's HBSc (Water Resource Science) Degree

Pathway Summary

| | |
|-----------------------------|--|
| <i>Pathway ID</i> | XXXX (This will vary for each pathway) |
| <i>Pathway Title</i> | Honours Bachelor of Science (Water Resource Science) |
| <i>Pathway Last Updated</i> | 09/15/2013 |

Sending Institution Information

| | |
|-----------------------------|--|
| <i>Sending Institution</i> | Centennial College |
| <i>Discipline/ Division</i> | Science and Engineering Technology |
| <i>Program Area</i> | Energy, Environmental, Natural Resources |
| <i>Program Title</i> | Environmental Technology |

Receiving Institution Information

| | |
|------------------------------|--|
| <i>Receiving Institution</i> | Lakehead University |
| <i>Discipline/ Division</i> | Science, Technology |
| <i>Program Area</i> | Faculty of Science and Environmental Studies |
| <i>Program Title</i> | Honours Bachelor of Science (Water Resource Science) |

Contact Procedures

Lakehead University
955 Oliver Road
Thunder Bay, ON, P7B 5E1
T: 807-343-3190
E: tbay@lakeheadu.ca
<https://www.lakeheadu.ca/future-students/admissions>

Terms for renewal or cancellation

Lakehead University will review this transfer pathway every five years, altering information and agreements when necessary. Changes made to this pathway will not

affect students currently enrolled at Lakehead University. Students enrolled at Lakehead University will continue their degree under the original pathway agreement.

Credit transfer

Qualified applicants are eligible for third year standing in Lakehead University's Honours Bachelor of Science (Water Resource Science) program based on his or her individual college experience.

Accepted students can receive a block transfer of 10 non-transferable FCE towards the 20 FCE required for a Lakehead University Honours Bachelor of Science (Water Resource Science) degree.

Credits that must be achieved at the receiving institution

Accepted students must complete a minimum of 10 FCE courses at Lakehead University to be eligible for an Honours Bachelor of Science (Water Resource Science) degree. For a complete list of courses that must be achieved at Lakehead University, see Lakehead University Calendar. To access the Lakehead University calendar, click the following link

- [Honours BSc \(Water Resource Science Major\) Pathway Transition Programs/Centennial College](#)

Note: Lakehead University does not require accepted students to complete a bridging program.

Anticipated normal schedule of student progression

Lakehead University will admit accepted students during the fall study period. Successful applicants will complete their Honours Bachelor of Science (Water Resource Science) degree in four academic semesters or two academic years (10 FCE courses).

For detailed course and degree information, consult Lakehead University's most recent [Academic Calendar](#).

Credentials to be granted on successful completion of all required components

Honours Bachelor of Science Degree in Water Resource Science

Credits that must be achieved at the receiving institution to complete an HBSc (Water Resource Management) degree (Calendar)

Two Year transition program

A student may enter, proceed in and graduate from the Honours BSc (HBSc) program in accordance with stipulations in the [University Regulations](#) section, the [Faculty of Science and Environmental Studies Regulations](#) section, and the Science and Environmental Studies College Pathway section of the Calendar.

Honours BSc (Water Resource Science Major) Pathway Transition Programs/Durham College

First year at Lakehead University

- Biology 2210 and 0.5 FCE selected from: Biology 2711, 3151, 3313, 3610, 4113, 4115, 4212, 4213, 4217, 4430, 4431, 4435
- 1.0 FCE selected from: Geography 2211, 2251, 2351, 3251, 3291, 3313, 3317, 3411, 3471, 4211, 4333, 4411, 4431, 4451
- Geology 1111, 1131
- Geology 2214, 3311
- Water Resource Science 3094

Second year at Lakehead University

- 1.0 FCE selected from: Biology 3114, 3151, 3313, 3610, 4113, 4115, 4212, 4213, 4217, 4430, 4431, 4435, 4710, 4711
- Applied Bio-Molecular Science 4710
- Geology 3130, 3410, 4011, 4137
- Water Resource Science 4101 & 4630

Honours BSc (Water Resource Science Major) Pathway Transition Programs - Fleming College

First year at Lakehead University

- Biology 2210 and 0.5 FCE selected from: Biology 2711, 3151, 3313, 3610, 4113, 4115, 4212, 4213, 4217, 4430, 4431, 4435
- Chemistry 2111
- Water Resource Science 3094
- Geology 1111, 1131
- Geology 2214, 3311

- 0.5 FCE course-elective

Second year at Lakehead University

- 1.0 FCE selected from Biology: 3114, 3151, 3313, 3610, 4113, 4115, 4212, 4213, 4217, 4430, 4431, 4435, 4710, 4711
- Applied Bio-Molecular Science 4710
- Geology 3130, 3410, 4011
- Water Resource Science 4101, 4630
- 0.5 FCE Elective

Honours BSc (Water Resource Science Major) Pathway Transition Programs - Georgian College

First year at Lakehead University

- Biology 2210 and 0.5 FCE selected from: Biology: 2711, 3151, 3313, 3610, 4113, 4115, 4212, 4213, 4217, 4430, 4431, 4435
- Chemistry 2111
- Water Resource Science 3094
- Geology 1111, 1131, 2214, 3311
- 0.5 FCE course-elective

Second year at Lakehead University

- 1.0 FCE selected from Biology: 3114, 3151, 3313, 3610, 4113, 4115, 4212, 4213, 4217, 4430, 4431, 4435, 4710, 4711
- Applied Bio-Molecular Science 4710
- Geology 3130, 3410, 4011
- Water Resource Science 4101, 4630
- 0.5 FCE Elective

Honours BSc (Water Resource Science Major) Pathway Transition Programs - Loyalist College

First year at Lakehead University

- Biology 2210 and 0.5 FCE selected from: Biology: 2711, 3151, 3313, 3610, 4113, 4115, 4212, 4213, 4217, 4430, 4431, 4435
- Chemistry 2111
- Water Resource Science 3094
- Geology 1111, 1131, 2214, 3311
- 0.5 FCE course-elective

Second year at Lakehead University

- 1.0 FCE selected from Biology: 3114, 3151, 3313, 3610, 4113, 4115, 4212, 4213, 4217, 4430, 4431, 4435, 4710, 4711
- Applied Bio-Molecular Science 4710
- Geology 3130, 3410, 4011
- Water Resource Science 4101, 4630
- 0.5 FCE Elective

Honours BSc (Water Resource Science Major) Pathway Transition Programs - Fanshawe College

First year at Lakehead University

- Biology 2210 and 1.0 FCE from: Biology 2711, 3114, 3151, 3313, 3610, 4113, 4115, 4115, 4431, 4434
- Water Resource Science 3094
- 1.0 FCE from Geography: 2211, 2251, 2351, 3251, 3291, 3311, 3313, 3317, 3411, 3471, 4211, 4333, 4411, 4431, 4451
- Geology 1111, 1131, 2214, 3311

Second year at Lakehead University

- 1.0 FCE selected from Biology: 3114, 3151, 3313, 3610, 4113, 4115, 4431, 4451, 4212, 4213, 4217, 4430, 4431, 4435, 4710, 4711
- Applied Bio-Molecular Science 4710
- Geology 3130, 3410
- Water Resource Science 4101, 4630
- 1.0 FCE from Geography: 2211, 2251, 2351, 3251, 3291, 3311, 3313, 3317, 3411, 3471, 4211, 4333, 4411, 4431, 4451
- 0.5 FCE elective

Honours BSc (Water Resource Science Major) Pathway Transition Programs – Seneca College

First year at Lakehead University

- Biology 2210 and 1.0 FCE from: Biology 2711, 3114, 3151, 3313, 3610, 4113, 4115
- Water Resource 3094
- Geology 2214, 3311
- 1.0 FCE from: Geography 2211, 2251, 2351, 3251, 3291, 3311, 3313, 3317, 3411, 3471, 4211, 4333, 4411, 4431, 4451
- 1.0 FCE elective

Second year at Lakehead University

- 1.0 FCE from: Biology 3114, 3151, 3313, 3610, 4113, 4115, 4431, 4451, 4212, 4213, 4217, 4430, 4431, 4435, 4710, 4711
- Applied Bio-Molecular Science 4710
- Water Resource Science 4101, 4630
- Geology 3130, 3410
- 1.0 FCE elective

Honours BSc (Water Resource Science Major) Pathway Transition Programs – Centennial College

First year at Lakehead University

- Biology 2210 1.5 FCE from: Biology 2711, 3114, 3151, 3313, 3610, 4113, 4115, 4431, 4451, 4212, 4213, 4217, 4430, 4431, 4435
- Chemistry 2111
- Water Resource Science 3094
- Geology 1111, 1131, 2214, 3311

Second year at Lakehead University

- 1.0 FCE from: Biology 3114, 3151, 3313, 3610, 4113, 4115, 4431, 4451, 4212, 4213, 4217, 4430, 4431, 4435, 4710, 4711
- Applied Bio-molecular Science 4710
- Water Resource Science 4101, 4630
- 1.0 FCE Geography from 2211, 2251, 2351, 3251, 3291, 3311, 3313, 3317, 3411, 3471, 4211, 4333, 4411, 4431, 4451
- Geology 3130, 3410, 4011