

**EXCEPTIONAL. UNCONVENTIONAL.**



**Lakehead**  
UNIVERSITY

# Developing Transfer Pathways for General Arts and Science

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# College-University Transfer Pathways

## Purpose:

- To **give opportunities** to college students who would not have been able to or interested in attending university after highschool;
- To **reduce overlap** of academic material for transfer students;
- To **ensure** that transfer students have **sufficient background** to be successful in second and third year university courses

# 2 Year General Arts and Science diploma programs

**Program Structure:** generally 24 credits in 4 semesters (6 courses of 36-45 hours each per semester)

- Variable programming
  - Mainly mandatory academic courses plus electives
    - Some mainly Arts; some full mix of Arts and Science
  - Mainly electives, including “student success” courses
  - Special streams in first or second year; e.g. university stream



# Three Lakehead Degrees

- **BA (General)** – 3 year program (available online and in Thunder Bay), 15 full course equivalents (FCEs; 5 FCEs = 10 semester courses per year) in mainly Arts;
- **BASc (Interdisciplinary Studies)** – 3 year program (available in Orillia), 15 FCEs in Arts and Sciences, including 5 FCEs in one area of specialization;
- **HBASc (Interdisciplinary Studies)** – 4 year program (available in Orillia), 20 FCEs in Arts and Science, including 5 FCEs in two areas of specialization

# Interdisciplinary Studies Specializations

## Choices:

- Anthropology
- Biology
- Criminology
- English
- Environmental Studies
- General Science
- Geography
- History
- Media Studies
- Political Studies
- Psychology
- Sociology

# Proposed Transfer Pathways

**Goal:** Block transfer credit for as close to two years of study as possible

## **Methods:**

- Visit Colleges and gather course outlines
- Compare Learning Outcomes
- Conduct course by course assessment of potential “advanced level” courses (ongoing).

# Comparison of Learning Outcomes

Degree Level Expectations and LU courses meeting them	Lakehead University Outcomes for HBASc (IS) and BASc (IS)	Lakehead University Outcomes for General BA	College Outcomes for GAAS (Original Ministry outcomes)	College Outcomes for GAAS (as updated by Conestoga)	College Outcomes for GAAS (as updated by Georgian)	College Outcomes for GAAS (as updated by Mohawk)	College Outcomes for GAAS (as updated by Northern)	College Outcomes for GAAS (as updated by Sheridan)
<b>Breadth of Knowledge</b>  All first year courses; some second year courses	Articulate <b>basic</b> social, historical, cultural, political, and economic theories and perspectives.  Articulate <b>basic</b> scientific principles, concepts, and terminology.	Articulate a broad range of thought in the liberal arts, sciences, and professional fields of interest	Demonstrate understanding of the fundamental concepts in one or more of the following: human health, science, the social sciences, the arts, civics, the humanities, technology and/or business and the economy.	Develop insight into both self and society through general knowledge gained in a wide range of subjects.	Examine theories, concepts, and applications through the study of a wide range of subjects in the Humanities and Social Sciences to broaden knowledge.	Analyze the influence of social and natural forces on historical and contemporary issues and events at a level required by colleges, universities and the workplace.  Demonstrate numeracy skills.	Develop a general knowledge of a variety of subjects that will contribute to developing insights into self and society	Develop, through general knowledge gained in a wide range of subjects, insight into both self and society.
<b>Depth of Knowledge</b>  Second, third, and fourth year courses	Articulate complex approaches, concepts, terms, processes, and issues associated with <b>one</b> (for BASc IS) or <b>two</b> (for HBASc IS) <b>disciplines</b>	Demonstrate an understanding of the breadth and depth of human intellectual experience including social, environmental and cultural issues	--	--	--	--	--	--
<b>Knowledge of Methodologies</b>  Second, third, and fourth year courses	Frame information, ideas, and concepts using the narrative, visual, numerical, and symbolic	Demonstrate an understanding of the breadth and depth of human intellectual experience	--	--	--	--	--	--



# Similarities among Learning Outcomes at Colleges and LU

## All Programs:

- Breadth of knowledge
- Critical thinking skills
- Problem solving skills
- Communication skills.

## Most Programs:

- Application of knowledge
  - Information literacy
  - Research skills
  - Analysis of social dynamics
- Professional capacities
  - Decision making
  - Social and personal responsibility

# Learning Outcomes Lacking for College General Arts & Science

- Depth and complexity of knowledge
- Methodological knowledge and development
- Awareness of limits of knowledge
- Autonomy and adaptability

# Challenges for Transfer Pathways




- **Maximum introductory level** courses for Lakehead degree: **7 FCEs**
- Lakehead's HBASc and BASc (Interdisciplinary Studies) degrees require
  - A half FCE of **Inquiry** courses at first year level.
  - At least **1 FCE in Arts** and at least **1 FCE in Science** at first year level
  - At least 1 FCE of first year courses in each area of **specialization** that could satisfy **prerequisite(s)** for upper level courses in that area.
- Missing requirements would need to be added on to length of transfer program.

# Proposed BA (General) Transfer Pathway

- Block Transfer for 8 FCEs for college graduates with 70% overall average
  - Includes 7 FCEs at first year level
  - Includes 1 FCE of approved “advanced level” courses (to be posted on website)
- Individual Transfer of up to 2 FCEs of additional approved “advanced level” courses
- Missing first FCE of “advanced level” courses would need to be added on at LU.

# Layout of BA (General) College Transfer Pathway

**BA (General Arts)** *Each cell below equals 1 FCE (or 2 x .5 FCEs)*

<b>Y r 1</b>	Arts First Year <b>College Courses</b>	Arts First Year <b>College Courses</b>	Arts First Year <b>College Courses</b>	Arts first year <b>College Courses</b>	Elective (any Faculty) First year <b>College Courses</b>
<b>Y r 2</b>	Arts Second Yr  <b>? EXTRA Approved Advanced Level College Course(s)</b>	Arts Second Year  <b>? EXTRA Approved Advanced Level College Course(s)</b>	Elective in SSH or SES Any year <b>College Courses</b>	Elective (any Faculty) Any year <b>College Courses</b>	Elective (any Faculty) Second year  <b>Approved Advanced Level College Courses</b>
<b>Y r 3</b>	Arts 3 <sup>rd</sup> or 4 <sup>th</sup> year _____ _____	Arts 3 <sup>rd</sup> or 4 <sup>th</sup> year _____ _____	Elective in SSH or SES 2 <sup>nd</sup> , 3 <sup>rd</sup> , or 4 <sup>th</sup> year _____ _____	Elective in SSH or SES 2 <sup>nd</sup> , 3 <sup>rd</sup> , or 4 <sup>th</sup> year _____ _____	Elective (any Faculty) 2 <sup>nd</sup> , 3 <sup>rd</sup> , or 4 <sup>th</sup> year _____ _____

Requires 70% for entry, 60% overall for graduation.

# Pre-approved Advanced Courses to date

College	7 FCEs Introductory Level	Approved Advanced Level Courses, each worth .5 FCE
Algonquin	yes	<b>PSY0012</b> Abnormal Psychology, <b>PSY0023</b> Organizational Psychology
Algonquin Pre-health plus GAS	yes	<b>PSY0012</b> Abnormal Psychology, <b>PSY0023</b> Organizational Psychology
Cambrian	yes	<b>SOC 1205</b> Social Issues and Social Welfare, <b>SOC 1210</b> Into to Criminology, <b>PSY1125</b> Positive Psychology, <b>PSY2010</b> Social Research Methods, <b>PSY1135</b> Issues in Developmental Psychology
Centennial	yes	<b>GSGE234</b> Social and Moral Issues: Human Genomics, <b>ENG236</b> Can Multicultural Lit, <b>ENGL237</b> Genocide Literature
Conestoga	yes	not enough detail (need syllabi)
Confederation	yes	<b>SY180</b> Exploring Human Diversity, <b>SY222</b> Intimacy Relationships, <b>PY114</b> Understanding Addiction, <b>PY299</b> Developmental Psychology, <b>PY399</b> Abnormal Psychology, <b>HU250</b> Psychology of Terror
Durham	yes	not enough detail (need syllabi)
Fanshawe	yes	<b>ENGLL3024</b> Themes in Science Fiction, <b>PSYC3018</b> Psychology of Addiction, <b>PSYC3025</b> Abnormal Psychology, <b>PHIL 3004</b> Philosophy of Law, <b>PHIL 3006</b> Human Existence: Life, Death & Freedom
George Brown	yes	not enough detail (need syllabi)
Georgian	yes	<b>PSL2000</b> Industrial Psychology
Humber	yes	<b>GASAL15</b> Forms of Literature, <b>GASAL45</b> Film and Literature Adaptation, <b>GASA50</b> Contemporary Literature



# Pre-approved Advanced Courses to date p. 2

Humber	yes	<b>GASAL15</b> Forms of Literature, <b>GASAL45</b> Film and Literature Adaptation, <b>GASA50</b> Contemporary Literature
Lambton	yes	<b>ANT3703</b> Medical Anthropology, <b>PSY1113</b> Psychology of Work, <b>PSY3103</b> Developmental Psychology I, <b>PSY3503</b> Abnormal Behaviours, <b>PSY3613</b> Applied Psychology
Loyalist	yes	not enough detail (need syllabi)
Mohawk	yes	<b>SSCI10052</b> Intro to Forensic Anthropology, <b>PSYC AS407</b> Abnormal Psych, <b>PSYC SS182</b> Social Psych, <b>PSYC SS271</b> Developmental Psych, <b>PSYC 10015</b> Human Sexuality, <b>SSCIAS106</b> Popular Culture, <b>SSCIAS304</b> World Religion Comparative Study, <b>SSCI299</b> Society, Technology and Social Issues, <b>SSAS105</b> Race and Ethnic Dynamics
Niagara	yes	<b>PSYC 9120</b> Developmental Psych; need syllabi for others
Northern	yes	not enough detail (need syllabi)
Sault	yes	<b>PSY 106</b> Child and Adolescent Psychology, <b>GNED100</b> Global Citizenship, <b>HDG107</b> Cross Cultural Issues
Seneca	yes	not enough detail (need syllabi)
Sheridan	yes	<b>PHIL13378</b> Modes of Reasoning, <b>SOCS2514GD</b> Women Gender and Society, <b>PSYC 33000 GD</b> Developmental Psychology, <b>PSYC 23491 GD</b> Social Psychology, <b>PSYC 23677 GD</b> Intro to Addiction, <b>PSYC 20210 GD</b> Abnormal Psychology
St Lawrence	Yes	<b>GENE 127</b> Psychology of Sport, <b>GENE 17</b> Abnormal Psychology

# **Proposal for HBASc & BASc (Interdisciplinary Studies) Transfer Pathways**

- Same rules as for BA (General)
- Additional requirements not met at college would be added to length of program:
  - At least one half FCE course approved as “Inquiry”
  - At least 1 FCE in Arts and at least 1 FCE in Science at first year level
  - At least 1 FCE of first year courses in one (for BASc) or two (for HBASc) areas of specialization that could satisfy prerequisite(s) for upper level courses in that area.

# Sample Pre-approved Interdisciplinary Requirements

College	1 FCE Arts	1 FCE Science	Courses required to satisfy .5 FCE Inquiry	Courses required to achieve 1st year of specialization
Cambrian	Most courses	1 required math from 10 choices and 1 required science from 20 choices	<b>SSC1008</b> Thinking, Reasoning, Relating	<b>Sociology:</b> SOC 1000 Intro to Sociology 1 and SOC 4700 Family Issues; <b>Psychology:</b> PSY 1115 or PSY 1050 Intro Psychology, plus one of PSY 1005 Developmental Psychology for Nurses, or PSY1002 Foundations of Interprofessional Care
Centennial	Most courses	GS105 Math in Digital, GSGE211 Environment	<b>GS140</b> Intro Research or <b>GSGE123</b> Logical Self-Defense	<b>Sociology:</b> GNED130 Principles of Sociology and GNED 500 Global Citizenship; <b>Political Science:</b> GNED105 Contemporary Canada
Fanshawe	Most courses	Only if 1 FCE of Psychology is selected	<b>LIBS3003</b> Contemporary Issues	<b>Psychology:</b> PSYC 7006 Introduction to Psychology and PSYC 7007 Introduction to Psychology II
George Brown	Most courses	MATH1034 Math for GAAS, GSCI1024 Environ Science, GSC1024 Fundam in Geog	<b>SSCI 1106</b> Intro Research	<b>Psychology:</b> SSCI1012 Introduction to Psychology and SSCI1015 Introduction to Psychology II
Georgian	Most courses	SCIE2000 Science Concepts plus Psychology	<b>HUMN1000</b> Critical Thinking, <b>HUMN1001</b> Critical Thinking in Practice, <b>REAS2000</b> Senior Research Seminar	<b>Psychology:</b> PSYL1001 Intro to Psychology and PSYL1002 Intro to Psychology 2; <b>Sociology:</b> <b>Political Science</b>
Humber	Most courses	GMTH100 Basic Math Skills, GSCI150 The Sciences	<b>GRSM200/GASA R40</b> Research Methods, <b>GCRT 100/GASA Y10</b> Critical Thinking	

# BASc (Interdisciplinary Studies)

## BASc (Interdisciplinary Studies) College Transfer (each block = 1 FCE)

<u>Yr</u> <b>1</b>	<b>INTD 1010</b> + .5 FCE Elective 1 <sup>st</sup> yr (Area I = Arts): <b>College Courses</b>	Specialization 1: 1 <sup>st</sup> year  <b>College Courses</b>	Elective 1 <sup>st</sup> year (Area I = Arts)  <b>College Courses</b>	Elective 1 <sup>st</sup> year (Area I = Arts)  <b>College Courses</b>	Elective 1 <sup>st</sup> year (Area I = Arts):  <b>College Courses</b>
<u>Yr</u> <b>2</b>	Specialization 1: 2 <sup>nd</sup> year	Specialization 1: 2 <sup>nd</sup> year  <b>?Extra Advanced Level College Courses</b>	Elective 2 <sup>nd</sup> , 3 <sup>rd</sup> , or 4 <sup>th</sup> yr (Area I = Arts):  <b>Advanced Level College Courses</b>	Elective 1 <sup>st</sup> year (Area I = Arts):  <b>College Courses</b>	Elective 1 <sup>st</sup> year (Area II = Science):  <b>College Courses</b>
<u>Yr</u> <b>3</b>	Specialization 1: 3 <sup>rd</sup> or 4 <sup>th</sup> year	Specialization 1: 3 <sup>rd</sup> or 4 <sup>th</sup> year	INTD 3010 <input type="checkbox"/> + .5 Elective (Any Area) 2 <sup>nd</sup> , 3 <sup>rd</sup> , or 4 <sup>th</sup> year	Elective (Area II = Science): 2 <sup>nd</sup> , 3 <sup>rd</sup> , or 4 <sup>th</sup> year	Electives: 2 <sup>nd</sup> , 3 <sup>rd</sup> , or 4 <sup>th</sup> year in Area I (Arts) and Area II (Science) <b>? Extra Advanced Level College Courses</b>

Requires 70% overall average for entry and 60% overall average for graduation.

# HBASc (Interdisciplinary Studies)

<b>Yr 1</b>	<b>INTD 1010</b> + .5 FCE Elective 1 <sup>st</sup> yr. (Area I = Arts) <b>College Courses</b>	Specialization 1: 1 <sup>st</sup> year <b>College Courses</b>	Specialization 2: 1 <sup>st</sup> year <b>College Courses</b>	Elective 1 <sup>st</sup> year (Area I = Arts) <b>College Courses</b>	Elective 1 <sup>st</sup> year (Area I = Arts): <b>College Courses</b>
<b>Yr 2</b>	Elective 2 <sup>nd</sup> , 3 <sup>rd</sup> , or 4 <sup>th</sup> yr. (Area I = Arts): <b>Advanced Level College Courses</b>	Specialization 1: 2 <sup>nd</sup> year <b>? Extra Advanced Level College Courses</b>	Specialization 2: 2 <sup>nd</sup> year	Elective 1 <sup>st</sup> year (Area I = Arts): <b>College Courses</b>	Elective 1 <sup>st</sup> year (Area II = Science): <b>College Courses</b>
<b>Yr 3</b>	Specialization 1: 2 <sup>nd</sup> year _____/_____ _____/_____	Specialization 1: 3 <sup>rd</sup> or 4 <sup>th</sup> year _____/_____ _____/_____	Specialization 2: 3 <sup>rd</sup> or 4 <sup>th</sup> year _____/_____ _____/_____	Specialization 2: 2 <sup>nd</sup> year _____/_____ _____/_____	INTD 3010 <input type="checkbox"/> + .5 Elective (Any Area) 2 <sup>nd</sup> , 3 <sup>rd</sup> , or 4 <sup>th</sup> year See Note 2 below. _____/_____ _____/_____
<b>Yr 4</b>	INTD 4010 <input type="checkbox"/>  INTD 4030 <input type="checkbox"/>	Specialization 1: 3 <sup>rd</sup> or 4 <sup>th</sup> year _____/_____ _____/_____	Specialization 2: 3 <sup>rd</sup> or 4 <sup>th</sup> year _____/_____ _____/_____	Elective (Area II = Science): 2 <sup>nd</sup> , 3 <sup>rd</sup> , or 4 <sup>th</sup> year _____/_____ _____/_____	Elective (Area II = Science): 2 <sup>nd</sup> , 3 <sup>rd</sup> , or 4 <sup>th</sup> year <b>? Extra Advanced Level College Courses</b>

Requires 70% overall average for entry and 70% overall average for graduation.

# Conclusion

- Where we're at right now.
- Next steps.



# Questions?

For more information, contact

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