

WESTERN CANADA Admission Requirements

Program/Degree	British Columbia / Yukon	Alberta / NWT / Nunavut	Saskatchewan	Manitoba
	Senior Secondary Graduation Diploma; a min. of 4 Gr.12 courses; including program specific prerequisite courses with a min. 70% overall final average. Academic courses do NOT have to be provincially examinable courses but if a student decides to write the optional provincial examination, the higher of either a) their course-only grade or b) their blended course/provincial examination grade will be used.	Secondary School Diploma; a min. of 5 academic Gr.12 courses numbered 30 or 31; including program specific prerequisite courses with a min. 70% overall final average.	Secondary School Diploma (or equivalent); a min. of 5 academic Gr.12 courses at the 30-level; including program specific prerequisite courses with a min. 70% overall final average.	Secondary School Diploma; a min. of 5 academic Senior courses at the 40S-level; including program specific prerequisite courses with a min. 70% overall final average.
Orillia Campus Honours Bachelor of Arts & Science HBASc, HBASc/BEEd, BASc/BEEd Honours Bachelor of Commerce Honours Bachelor of Social Work (4-year)	HBASc, HBASc/BEEd (All Majors), BASc/BEEd (Interdisciplinary Studies Major Only) Majors: Anthropology, English, Geography, Interdisciplinary Studies English 12 or English 12 First Peoples; 3 additional academic Gr. 12 courses	English 30 or ELA 30-1; 4 additional academic 30 level courses	English A30 and B30; 4 additional academic 30 level courses	English 40S; 4 additional academic 40S level courses
	HBComm (Administrative Studies) English 12 or English 12 First Peoples, Principles of Mathematics 12 or Calculus 12; 2 additional academic Gr.12 courses	English 30 or ELA 30-1, Pure Math 30 or Math 31; 3 additional academic 30 level courses	English A30 and B30, Math B30 and C30, or Calculus 30; 3 additional academic 30 level courses	English 40S, Applied Math 40S or Pre-Calculus 40S; 3 additional academic 40S level courses
	HBSW (4-year) English 12 or English 12 First Peoples; 3 additional academic Gr.12 courses	English 30 or ELA 30-1; 4 additional academic 30 level courses	English A30 and B30; 4 additional academic 30 level courses	English 40S; 4 additional academic 40S level courses
Arts Bachelor of Arts Honours Bachelor of Arts (see also Music, and Visual Arts)	French English 12 or English 12 First Peoples, French 12; 2 additional academic Gr.12 courses	English 30 or ELA 30-1, French 30; 3 additional academic 30 level courses	English A30 and B30; French 30; 3 additional academic 30 level courses;	English 40S, French 40S; 3 additional academic 40S level courses
	Mathematics English 12 or English 12 First Peoples, Calculus 12, Principles of Mathematics 12; 1 additional academic Gr.12 course	English 30 or ELA 30-1, Pure Math 30, Math 31; 2 additional academic 30 level courses	English A30 and B30, Calculus 30, Math B30 and C30; 2 additional academic 30 level courses	English 40S, Pre-Calculus 40S, Applied Math 40S or 40 level Calculus; 2 additional academic 40S level courses
	Music English 12 or English 12 First Peoples ; 3 additional academic Gr.12 courses; an audition and theory entrance test are required	English 30 or ELA 30-1; 4 additional academic 30 level courses; an audition and theory entrance test are required	English A30 and B30; 4 additional academic 30 level courses; an audition and theory entrance test are required	English 40S; 4 additional academic 40S level courses; an audition and theory entrance test are required
	Visual Arts English 12 or English 12 First Peoples; 3 additional academic Gr.12 courses; a portfolio is required	English 30 or ELA 30-1; 4 additional academic 30 level courses; a portfolio is required	English A30 and B30; 4 additional academic 30 level courses; a portfolio is required	English 40S; 4 additional academic 40S level courses; a portfolio is required
	All Other Majors: Anthropology, English, General Arts, Geography, Gerontology, History, Indigenous Learning, Northern Studies, Philosophy, Political Science, Psychology, Sociology, Women's Studies English 12 or English 12 First Peoples ; 3 additional academic Gr.12 courses	English 30 or ELA 30-1; 4 additional academic 30 level courses	English A30 and B30; 4 additional academic 30 level courses	English 40S; 4 additional academic 40S level courses
Business Bachelor of Administration Honours Bachelor of Commerce	English 12 or English 12 First Peoples, Principles of Mathematics 12 or Calculus 12; 2 additional academic Gr.12 courses	English 30 or ELA 30-1, Pure Math 30 or 31; 3 additional academic 30 level courses	English A30 and B30, Math B30 and C30, or Calculus 30; 3 additional academic 30 level courses	English 40S, Applied Math 40S or Pre-Calculus 40S; 3 additional academic 40S level courses
Education BA/BEEd, HBA/BEEd BSc/BEEd, HBSc/BEEd BA/BEEd Native Education BSc/BEEd Native Education HBES/BEEd HBESc/BEEd HBFA/BEEd HBK/BEEd HBOR/BEEd HBEd (Aboriginal)	BA/BEEd, HBA/BEEd see specific Major Requirements in Arts	see specific Major Requirements in Arts	see specific Major Requirements in Arts	see specific Major Requirements in Arts
	BSc/BEEd, HBSc/BEEd see specific Major Requirements in Science	see specific Major Requirements in Science	see specific Major Requirements in Science	see specific Major Requirements in Science
	BA/BEEd, BSc/BEEd Native Education: General Program (P/), J/I, I/S) see Arts or Science	see Arts or Science	see Arts or Science	see Arts or Science
	HBES/BEEd Geography (I/S) see specific Major Requirements in Environmental Studies	see specific Major Requirements in Environmental Studies	see specific Major Requirements in Environmental Studies	see specific Major Requirements in Environmental Studies
	HBESc/BEEd Biology (I/S) or Geography (I/S) see specific Major Requirements in Environmental Studies	see specific Major Requirements in Environmental Studies	see specific Major Requirements in Environmental Studies	see specific Major Requirements in Environmental Studies
	HBFA/BEEd (I/S) see Visual Arts	see Visual Arts	see Visual Arts	see Visual Arts
	HBK/BEEd see Kinesiology	see Kinesiology	see Kinesiology	see Kinesiology
	HBOR/BEEd see Outdoor Recreation	see Outdoor Recreation	see Outdoor Recreation	see Outdoor Recreation
	HBEd (Aboriginal) (4-year) English 12 or English 12 First Peoples; 3 additional academic Gr.12 courses	English 30 or ELA 30-1; 4 additional academic 30 level courses	English A30 and B30; 4 additional academic 30 level courses	English 40S; 4 additional academic 40S level courses
Engineering Common Year in Applied Science Bachelor of Engineering Students who do not meet all of the admission requirements for Engineering programs will be evaluated on an individual basis.	Bachelor of Engineering (co-op option available) Principles of Mathematics 12 or Calculus 12, Physics 12, Chemistry 12; 1 additional academic Gr.12 course; English 11 Note: A 60% overall average in Principles of Mathematics 12 or Calculus 12 is required.	Pure Math 30 or Math 31, Physics 30, Chemistry 30; 2 additional academic 30 level courses; English 20 Note: A 60% overall average in Pure Math 30 or Math 31 is required.	Math B30 and C30, Calculus 30, Physics 30, Chemistry 30; 1 additional academic 30 level course; English 20 Note: A 60% overall average in Math B30 and C30 & Calculus 30 is required.	Pre-Calculus 40S, Physics 40S, Chemistry 40S; 2 additional academic 40S level course; English 30S Note: A min. Gr.of 60% in Pre-Calculus 40S is required.
	Common Year in Applied Science 4 academic Gr.12 courses; one Mathematics 11 course required, one Science 10 course required	5 academic 30 or 31 level courses; Math 20 or Pure Math 20 required, Science 10 required	5 academic 30 level courses; Math 20 required, Science 10 required	5 academic 40S level courses; Applied Math 30S or Pre-Calculus 30S; Science 20F
Environmental Studies Honours Bachelor of Environmental Science HBESc/BEEd Honours Bachelor of Environmental Studies HBES/BEEd	HBESc Biology, HBESc/BEEd Biology (I/S) English 12 or English 12 First Peoples, Principles of Mathematics 12 or Calculus 12; 2 additional academic Gr.12 courses	English 30 or ELA 30-1, Pure Math 30 or Math 31; 3 additional academic 30 level courses	English A30 and B30, Calculus 30; 3 additional academic 30 level courses	English 40S, Pre-Calculus 40S; 3 additional academic 40S level courses
	HBESc Earth Science English 12 or English 12 First Peoples, Principles of Mathematics 12 or Calculus 12; 2 additional academic Gr.12 courses	English 30 or ELA 30-1, Pure Math 30 or Math 31; 3 additional academic 30 level courses	English A30 and B30, Math B30 and C30 or Calculus 30; 3 additional academic 30 level courses	English 40S, Applied Math 40S or Pre-Calculus 40S; 3 additional academic 40S level courses
	HBESc Geography, HBESc/BEEd Geography (I/S) English 12 or English 12 First Peoples, Principles of Mathematics 12 or Calculus 12; 2 additional academic Gr.12 courses	English 30 or ELA 30-1, Pure Math 30 or Math 31; 3 additional academic 30 level courses	English A30 and B30, Calculus 30; 3 additional academic 30 level courses	English 40S, Pre-Calculus 40S; 3 additional academic 40S level courses
	HBES Geography, HBES/BEEd Geography (I/S) English 12 or English 12 First Peoples; 3 additional academic Gr.12 courses	English 30 or ELA 30-1; 4 additional academic 30 level courses	English A30 and B30; 4 additional academic 30 level courses	English 40S; 4 additional academic 40S level courses

This Admissions Chart provides detailed information concerning program admission requirements to Lakehead University. The Senate of Lakehead University reserves the right to change regulations, programs, and course requirements, as outlined in this chart, without prior notice. Programs of study and course descriptions can be found in the Lakehead University Calendar located in the Guidance Office at your school and on the internet. You are advised to include the necessary preparatory work for your intended program in your secondary school curriculum.

Program/Degree	British Columbia / Yukon	Alberta / NWT / Nunavut	Saskatchewan	Manitoba
Natural Resources Management Honours Bachelor of Science in Forestry Bachelor of Environmental Studies Honours Bachelor of Environmental Studies	Honours Bachelor of Science in Forestry (co-op option available) English 12 or English 12 First Peoples; 3 courses from: Calculus 12, Biology 12, Chemistry 12, Geography 12, Principles of Mathematics 12, or Physics 12 BES/HBES Environmental Studies (Forest Conservation) English 12 or English 12 First Peoples; 3 additional academic Gr.12 courses	English 30 or ELA 30-1; 3 courses from: Math 31, Biology 30, Chemistry 30, Pure Math 30, Physics 30; 1 additional academic 30 level course	English A30 and B30; 3 courses from: Calculus 30, Biology 30, Chemistry 30, Computer Science 30, Geography 30, Math B30 and C30, Physics 30; 1 additional academic 30 level course	English 40S; 3 courses from: Biology 40S, Chemistry 40S, Computer Science 40S, World Geography 40S, Pre-Calculus 40S, Applied Math 40S, Physics 40S; 1 additional academic 40S level course
Kinesiology Hon. Bachelor of Kinesiology HBK/BEJ	English 12 or English 12 First Peoples, Principles of Mathematics 12 or Calculus 12; 2 Gr. 12 science credits	English 30 or ELA 30-1, Pure Math 30 or Math 31; two 30 level science credits; 1 additional academic 30 level course	English A30 and B30, Math B30 and C30 or Calculus 30, two 30 level science credits; 1 additional academic 30 level course	English 40S; Applied Math 40S or Pre-Calculus 40S; two 40S level science credits; 1 additional academic 40S level course
Music * (see also Arts) Honours Bachelor of Music	English 12 or English 12 First Peoples; 3 additional academic Gr.12 courses; an audition and theory entrance test are required	English 30 or ELA 30-1; 4 additional academic 30 level courses; an audition and theory entrance test are required	English A30 and B30; 4 additional academic 30 level courses; an audition and theory entrance test are required	English 40S; 4 additional academic 40S level courses; an audition and theory entrance test are required
Nursing * Bachelor of Science in Nursing (4 yr Collaborative with Confederation College) Bachelor of Science in Nursing (3 yr compressed) NOTE A min. Gr. of 60% is required in each of the program specific prerequisites.	4 yr Program English 12 or English 12 First Peoples, Chemistry 12, Biology 12, Principles of Mathematics 11; 1 additional academic Gr.12 course; Current Basic Cardiac Life Support Certificate. 3 yr Program same admission requirements as 4 year program plus min. 80% final average; Current Basic Cardiac Life Support Certificate.	English 30 or ELA 30-1, Chemistry 30, Biology 30, Math 20; 2 additional academic 30 level courses; Current Basic Cardiac Life Support Certificate.	English A30 and B30, Chemistry 30, Biology 30; Math 20; 2 additional academic 30 level courses; Current Basic Cardiac Life Support Certificate.	English 40S, Chemistry 40S, Biology 40S; Applied Math 30S or Pre-Calculus 30S; 2 additional academic 40S level courses; Current Basic Cardiac Life Support Certificate.
Outdoor Recreation Honours Bachelor of Outdoor Recreation HBOR/BEJ HBOR/Bachelor of Arts HBOR/Bachelor of Science	Honours Bachelor of Outdoor Recreation & Honours Bachelor of Outdoor Recreation/Bachelor of Education English 12 or English 12 First Peoples; 3 additional academic Gr.12 courses HBOR/Bachelor of Arts (Geography or History or Women's Studies) see Arts HBOR/Bachelor of Science (Natural Science) see Sciences	English 30 or ELA 30-1; 4 additional academic 30 level courses see Arts see Sciences	English A30 and B30; 4 additional academic 30 level courses see Arts see Sciences	English 40S; 4 additional academic 40S level courses see Arts see Sciences
Sciences Bachelor of Science Honours Bachelor of Science	Anthropology, Applied Bio-Molecular Science, Biology, Geography, Northern Studies, Physics (co-op option available) English 12 or English 12 First Peoples, Principles of Mathematics 12 or Calculus 12; 2 courses from: Biology 12, Chemistry 12, Physics 12, Principles of Mathematics 12, Calculus 12 Bioinformatics English 12 or English First Peoples, Principles of Mathematics 12 or Calculus 12, Biology 12, Chemistry 12 Chemistry English 12 or English 12 First Peoples, Principles of Mathematics 12 or Calculus 12, Chemistry 12; 1 course from: Biology 12, Physics 12, Principles of Mathematics 12, Calculus 12 Computer Science (co-op option available) English 12 or English 12 First Peoples, Calculus 12, Principles of Mathematics 12; 1 additional academic Gr.12 course Earth Science, General Program, Geoarchaeology, Natural Science English 12 or English 12 First Peoples, 2 courses from: Principles of Mathematics 12, Calculus 12, Biology 12, Chemistry 12, Physics 12; 1 additional academic Gr.12 course (Biology 12, Chemistry 12 or Physics 12 recommended) Economics, Geology English 12 or English 12 First Peoples, Principles of Mathematics 12 or Calculus 12; 2 additional academic Gr.12 courses Mathematics (co-op option available with Mathematics of Computing option) English 12 or English 12 First Peoples, Calculus 12, Principles of Mathematics 12; 1 course from: Biology 12, Chemistry 12, Physics 12 Psychology English 12 or English 12 First Peoples, Principles of Mathematics 12 or Calculus 12; 2 courses from: Biology 12, Chemistry 12, Physics 12, Principles of Mathematics 12, Calculus 12 Water Resource Science English 12 or English 12 First Peoples, 3 courses from: Calculus 12, Biology 12, Chemistry 12, Physics 12, Principles of Mathematics 12	English 30 or ELA 30-1, Pure Math 30 or Math 31; 2 courses from: Biology 30, Chemistry 30, Physics 30, Pure Math 30, Math 31; 1 additional academic 30 level course English 30 or ELA 30-1, Pure Math 30 or Math 31, Chemistry 30, Biology 30; and 1 additional academic 30 level course English 30 or ELA 30-1, Pure Math 30 or Math 31; 1 course from: Biology 30, Physics 30, Pure Math 30, Math 31; 1 additional academic 30 level course English 30 or ELA 30-1, Pure Math 30, Math 31; 2 additional academic 30 level courses English 30 or ELA 30-1; 2 courses chosen from: Biology 30, Chemistry 30, Math 31, Pure Math 30, Physics 30; 2 additional academic 30 level courses (Biology 30, Chemistry 30 or Physics 30 recommended) English 30 or ELA 30-1, Math 31 or Pure Math 30; 3 additional academic 30 level courses English 30 or ELA 30-1, Pure Math 30, Math 31; 1 course from: Biology 30, Chemistry 30, Physics 30; 1 additional academic 30 level course English 30 or ELA 30-1, Pure Math 30 or Math 31; 2 courses from: Biology 30, Chemistry 30, Physics 30, Pure Math 30, Math 31; 1 additional academic 30 level course English 30 or ELA 30-1; 3 courses from: Math 31, Biology 30, Chemistry 30, Physics 30, Pure Math 30; 1 additional academic 30 level course	English A30 and B30, Calculus 30; 2 courses from: Biology 30, Chemistry 30, Physics 30, Math B30 and C30; 1 additional academic 30 level course English A30 and B30, Calculus 30, Chemistry 30, Biology 30; 1 additional academic 30 level course English A30 and B30, Calculus 30, Chemistry 30; 1 course from: Biology 30, Physics 30, Math B30 and C30; 1 additional academic 30 level course English A30 and B30, Calculus 30, Math B30 and C30 or Computer Science 30; 2 additional academic 30 level courses English A30 and B30; 2 courses chosen from: Biology 30, Calculus 30, Chemistry 30, Math B30 and C30, Physics 30; 2 additional academic 30 level courses (Biology 30, Chemistry 30 or Physics 30 recommended) English A30 and B30, Math B30 and C30 or Calculus 30; 3 additional academic 30 level courses English A30 and B30, Calculus 30, Math B30 and C30; 1 course from: Biology 30, Chemistry 30, Physics 30; 1 additional academic 30 level course English A30 and B30, Calculus 30; 2 courses from: Biology 30, Chemistry 30, Physics 30, Math B30 and C30; 1 additional academic 30 level course English A30 and B30; 3 courses from: Calculus 30, Biology 30, Chemistry 30, Physics 30, Math B30 and C30; 1 additional academic 30 level course	English 40S, Pre-Calculus 40S; 2 courses from: Biology 40S, Chemistry 40S, Physics 40S, Applied Math 40S; 1 additional academic 40S course English 40S, Pre-Calculus 40S, Chemistry 40S, Biology 40S; 1 additional academic 40S level course English 40S, Pre-Calculus 40S, Chemistry 40S, Physics 40S, Applied Math 40S; 1 additional academic 40S level course English 40S, Pre-Calculus 40S; 1 course from: Applied Math 40S, Computer Science 40S; 2 additional academic 40S level courses English 40S; 2 courses chosen from: Applied Math 40S, Biology 40S, Chemistry 40S, Physics 40S, Pre-Calculus 40S; 2 additional academic 40S level courses English 40S, Applied Math 40S or Pre-Calculus 40S; 3 additional academic 40S level courses English 40S, Pre-Calculus 40S, Calculus 40 level or Applied Math 40S; 1 course from: Applied Math 40S, Biology 40S, Chemistry 40S, Physics 40S; 1 additional academic 40S level course English 40S, Pre-Calculus 40S; 2 courses from: Biology 40S, Chemistry 40S, Physics 40S, Applied Math 40S; 1 additional academic 40S course English 40S; 3 courses from: Biology 40S, Chemistry 40S, Physics 40S, Pre-Calculus 40S, Applied Math 40S; 1 additional academic 40S course
Social Work Hon. Bachelor of Social Work	English 12 or English 12 First Peoples; 3 additional academic Gr.12 courses	English 30 or ELA 30-1; 4 additional academic 30 level courses	English A30 and B30; 4 additional academic 30 level courses	English 40S; 4 additional academic 40S level courses
Visual Arts * (see also Arts) Hon. Bachelor of Fine Arts	English 12 or English 12 First Peoples; 3 additional academic Gr.12 courses; a portfolio is required	English 30 or ELA 30-1; 4 additional academic 30 level courses; portfolio is required	English A30 and B30; 4 additional academic 30 level courses; a portfolio is required	English 40S; 4 additional academic 40S level courses; a portfolio is required

* Higher averages may be required for admission to programs in which the demand for places by qualified applicants exceeds the supply of available spaces.