



November 29, 2012

DRAFT * Post Secondary Entrance Requirements
for NB Mathematics Students (September 2014)

* Subject to Change and Approval

responses received 
awaiting response 

NB Post Secondary Institutions		Program	Required	Recommended
Universities	UNB Fredericton	Bachelor Degrees in Science, Science in Kinesiology, Computer Science, Science and Computer Science, Business Administration, Information Systems, Arts/Science, Arts/Computer Science, Medical Laboratory Science, Kinesiology, Computer Science/Geomatics, Science in Engineering, Science in Software Engineering, Science in Geomatics, Environment and Natural Resources, Science in Forestry	<i>Pre-Calculus 12A and 12B</i>	
		Bachelor of Nursing	<i>Pre-Calculus 11 OR Foundations of Mathematics 12</i> required	
		Bachelor of Philosophy (Renaissance College)	<i>Pre-Calculus 11 OR Foundations of Mathematics 12</i> required	
		Bachelor of Recreation + Sports	<i>Foundations of Mathematics 12</i>	Pre-Calculus 11 is recommended for students interested in the Education
	Bachelor of Arts, Bachelor of Applied Arts	No additional math required beyond graduation	Pre-Calculus 11 or Foundations 12 can be used to fulfill a group 1 elective requirement	
	UNB Saint John	For all programs also offered at UNBF (see above) same entrance requirements apply.		
		UNBSJ Only Programs - Bachelor of Applied Management, Bachelor of Information Sciences, Bachelor of Science in Financial Math	<i>Pre-Calculus 12A and 12B</i>	
	Mount Allison	Bachelor of Science	<i>Pre-Calculus 12A and 12B</i>	
		B. Commerce	<i>Pre-Calculus 12A and 12B</i>	
		Bachelor of Arts, Bachelor of Music, Bachelor of Fine Arts	No additional math required beyond graduation	Students who apply to the BA, BMus, and BFA program require five Grade 12 university preparatory courses. It is strongly recommended that Pre-Calculus 12A is included, in particular for students who are considering a BA with studies in math, Computer Science or Psychology.
	St. Thomas	All Programs	No additional math required beyond graduation	Pre-Calculus 12A will be accepted as an elective for admission. Foundations 12 is under consideration as an elective for admission.
	Université de Moncton	Science, DSS, Engineering (Condition D)	<i>Pre-Calculus 12A and 12B</i>	Calculus 12 recommended
		Forestry, Psychology, Nutrition, Nursing (Condition C) Social Sciences, Administration (Condition B)	<i>Foundations of Mathematics 12 OR Pre-Calculus 12A</i>	
		BEd Primaire, Baccalauréat en Récréologie, combined BA-Bed (majors English, French, History and Music) (Condition A)	<i>Foundations of Mathematics 11</i>	
		Arts (Condition A)	No additional math required beyond graduation	
	Crandall	Bachelor of Science	<i>Pre-Calculus 12A and 12B</i>	
		Bachelor of Business Administration	<i>Foundations of Mathematics 12</i>	
		Bachelor of Arts	No additional math required beyond graduation	
Colleges	NB Community Colleges	Academic Studies, Animation and Graphics, Criminal Justice (Profile S) Human Resources Management, Information Technology: Business Analysis (Profile F)	Special Admission Profiles - See guide for more information	
		Respiratory Therapy (Profile D2) Chemical Technology (Co-op), Civil Engineering Technology (Building Systems, Architectural, Construction Management, Highway and Municipal), Civil Engineering: Structural, Electrical Engineering Technology (Generation and Distribution, Alternate Energy Systems, Electronics Design and Embedded Systems), Communication Systems (Co-op), Electronics Engineering Technology (Industrial, Telecommunications), Energy Systems Technology (Sustainable Energy), Environmental Technology, Industrial Control Technology (Co-op), Mechanical Drafting and Design, Mechanical Engineering Technology (Co-op), Power Engineering Technology (Co-op) (Profile C2)	<i>Pre-Calculus 11</i>	
		Medical Laboratory Technology (Profile D1) Health Information Management, Medical Laboratory Assistant, Pharmacy Technician, Process Control Technical (Profile C1) Business Administration, Business Administration: Sales and Marketing, Business Administration: Accounting, Business Administration: Investment Management, Business Administration: Marketing, Civil Technician, Electronic Game-3D Graphics, Mechanical Technician (Co-op), Welding Engineering Technology (Profile B)	<i>Foundations of Mathematics 11</i>	
		All other programs (Profile A) (Profile H)	No additional math required beyond graduation	
	NB College of Craft and Design	All Programs	No additional math required beyond graduation	<i>Financial and Workplace Mathematics 12 OR Foundations of Mathematics 12</i>
	Maritime College of Forest Technology	All programs	No additional math required beyond graduation	<i>Foundations of Mathematics 12</i>

Other Atlantic Post Secondary Institutions			Required	Recommended
Nova Scotia	Acadia University	Bachelor Degrees in Commerce, Economics, Business Admin, Science (except for Physics), Environmental Geoscience, Kinesiology	Foundations of Mathematics 12 OR Pre-Calculus 12A	
		Bachelor Degrees in Computer Science, Mathematics, Engineering, Science (Physics)	Pre-Calculus 12A and 12B	
		All other programs (B.A. etc)	No additional math required beyond graduation	
	Dalhousie University	Bachelor Degrees in Computer Science, Engineering and Science	Pre-Calculus 12A and 12B	
		Bachelor Degrees in Informatics, Science Kinesiology, Science Nursing, Health Science, Science (Recreation)/ Management (combined), Commerce, Management	Foundations of Mathematics 12	
		All other programs	No additional math required beyond graduation	
	University of King's College	Bachelor of Science	Pre-Calculus 12A and 12B	
		All other programs	No additional math required beyond graduation	
	Mount St. Vincent			
	St. Francis Xavier			
	St. Mary's University	Bachelor Degree in Commerce	Foundations of Mathematics 12	
		Bachelor of Science, Diploma of Engineering	Pre-Calculus 12A and 12B	
		All other programs	No additional math required beyond graduation	
Cape Breton University		Bachelor Degrees in Commerce, Economics, Business Administration, Computer Science, Hospitality and Tourism, Science (except Chemistry), Engineering Technician	Foundations of Mathematics 12 OR Pre-Calculus 12A	
		Bachelor of Science (Chemistry)	Pre-Calculus 12A and 12B	
		Bachelor of Engineering, Bachelor of Mathematics	Pre-Calculus 12A and 12B	Calculus 12 recommended
NS Agricultural College		Bachelor of Science (Agriculture), and Pre-Veterinary Medicine, Engineering, Bachelor of Technology in Applied Science, Diploma in Veterinary Technology	Pre-Calculus 12A and 12B (or 70% or greater in Foundations of Mathematics 12)	
		Diploma of Managed Landscapes	Foundations of Mathematics 12	
		Diploma in Business Management, Diploma in Plant Science Technology	Foundations of Mathematics 11	
NS College of Art and Design		All programs	No additional math required beyond graduation	
NS Community College		All programs that state admission requirements for Academic Grade 12 Math including Aircraft Maintenance Engineer, Architectural Engineering Technician, Civil Engineering Technician, Computer Electronics Technician, Construction Management Technology, Electrical Engineering Technology, Electro Mechanical Technician, Electronic Engineering Technician and Technology, Energy Sustainability engineering, Environmental Engineering Technology, Health Information Management, Industrial Engineering Technology, Industrial Instrumentation, Information Technology, Mechanical Engineering Technology, Medical Laboratory Technology (minimum grade of 70%), Pharmacy Technology, Power Engineering Technology, Practical Nursing, Survey Technician, Utility Line Work-Construction & Maintenance	Foundations of Mathematics 12 (Pre-Calculus 12A or Pre-Calculus 12B also accepted as more than meeting pre-requisite requirements)	The Foundations of Mathematics 12 course is equivalent to an Academic level Grade 12 Math credit in NS. The Foundations of Mathematics 11 course is equivalent to an Academic level Grade 11 Math credit in NS.
		All other programs (excluding post-graduate)	All other programs require high school graduation diploma as admission requirement.	
PEI	Holland College	All programs that require Academic Grade 12 Mathematics including Architectural Technology, Construction Technology and Management, Electromechanical Technology, Energy Systems Technology	Foundations of Mathematics 12 or Pre-Calculus 12A	
		All programs that require Academic Grade 11 or 12 Mathematics including Bioscience Technology, Architectural Technology, Electronics Engineering Technology, Environmental Applied Science Technology, Wildlife Conservation Technology, Primary Care Paramedicine, Practical Nursing	Foundations of Mathematics 11 or Pre-Calculus 11	
		All other programs	No additional math required beyond graduation.	
	University of PEI			Preference given to applicants with Foundations of Mathematics 11 or 12, or Pre-Calculus 11 or 12A, Automotive Technology, Welding, Fabrication, Welding Level 1
NL	Memorial University			

In addition, universities across Canada are being notified as to changes in NB Mathematics

University of Calga	NB Course	Alberta Equivalent
	Pre-Calculus 12A	Math 30-1 (Pre-Calculus)
	Foundations of Math 12	Math 30-2 (Foundations of Math)
	Financial and Workplace Math	Math 30-3 (Apprenticeship and Workplace)
	Pre-Calculus 12B OR Calc Math 31	Math 31 (Calculus)