

MDS-CL Equivalents at Other Universities

One course (3 credits) in Programming, one in Probability OR Statistics, and one in Calculus OR Linear Algebra

Please note that this is only a list from previous applicants from the top sending universities. If your university's courses are not listed here, you can email a course syllabus to ling.mds@ubc.ca to get it checked.

Canada

Institution	Programming	Probability/Statistics	Calculus	Linear Algebra
University of British Columbia, Vancouver	CPSC 103, CPSC 110, APSC 160, ECON 323, MATH 210, COMM 337	STAT 200, STAT 241/251, STAT 302, PSYC 218, STAT 201, STAT 203	MATH 100, MATH 104, MATH 110, MATH 180, MATH 184	<u>MATH 221</u>
University of British Columbia, Okanagan	COSC 111, COSC 123, DATA 301	STAT 121, STAT 124, STAT 230	MATH 100	MATH 221
Algonquin College	CST8116			MAT8100Q
Athabasca University	COMP 268, COMP 218	SOCI 301, MATH 315, MATH 215, MATH 216	MATH 265, MATH 260	MATH 270
BCIT	COMP 1516	MATH 1060	MATH 2001, MATH 3499	COMP 1114
Concordia University	COMP 249	COMP 233	MATH 203, MATH 205, MAST 218	MATH 202, MATH 204, ENGR 213
Langara College	CPSC 4800	STAT 1123, STAT 1124 DANA 4800	MATH 1173, MATH 1174	MATH 2362
McGill University	COMP 202, COMP 250	PSYC 204, PSYC 305, MATH 323, MATH 324	MATH 140, MATH 141, MATH 222	MATH 223
McMaster University	COMPSCI 1MD3	PNB 3XE3, STATS 2B03	ISCI 1A24, MATH 1A03	MATH 1B03
Niagara College	COMP1648	MATH1044	MATH1706	
Simon Fraser University	CMPT 120, CMPT 125	STAT 270, POLI 315, BUS 232, STAT 201	MATH 151	MATH 232
Thompson Rivers University	COMP 1231	STAT 1201	MATH 1141, MATH 1241	MATH 2121

Toronto Metropolitan University	CPS 109	ACS 401	MTH 140	MTH 108
University of Alberta	CMPUT 101, CMPUT 174	STAT 265	MATH 114	MATH 225
University of Calgary	CPSC 217	STAT 213, STAT 205	MATH 211, MATH 249	
University of Guelph	CIS 1500	STAT 2040	MATH 1080, MATH 1090	MATH 1160
University of Manitoba	COMP 1010	STAT 1000	MATH 1230	MATH 1220
University of New Brunswick	CS1073	STAT2593	MATH1003	MATH1015
University of Ottawa	ITI 1120, ITI 1121	MAT 2371, MAT 2375	MAT 1300, MAT 1320	MAT 1341
University of Saskatchewan	CMPT 141	STAT 244, PLSC 214		
University of Toronto	CSC108, CSC148	STA237, STA220, STA261	MAT237	MAT223, MAT224
University of Victoria	CSC110	STAT260, ECON245, ECON246	MATH100, MATH102	MATH211
University of Waterloo	CS 105	STAT 202, STAT 206	MATH 137	MATH 106
York University	EECS 1530, ITEC 1610	MATH 1131	MATH 1013, MATH 1300	MATH 1021

USA

Institution	Programming	Probability/Statistics	Calculus	Linear Algebra
University of Washington	CSE 121	STAT 221	MATH 124	MATH 208
University of California, Berkeley	COMPSCI X434*	STAT X10	MATH X11	MATH X403
University of California, Davis	ECS032A	MAT135A	MAT021A	MAT022A
University of California, San Diego	CSE-40028, CSE-40479	CSE-41069	MATH-40024	MATH-40023

*This is a 2-credit course and will need to be supplemented with additional experience, course, or certification.

Top Sending International

	Institution	Programming	Probability/Stats	Calculus	Linear Algebra
CHINA	Fudan University	COMP110029	PHPM130093.01	MATH120012	
	Shanghai Jiao Tong University	FL 3308		MATH1150J	MATH2140J
HONG KONG	City University of Hong Kong	LT2231, LT3233		MA1200	MA1201
	University of Hong Kong	STAT 2604	SHSC 2032	MATH 1851	MATH 1853
	Chinese University of Hong Kong	PHYS 2061	STAT 1011	PHYS 2051	
INDIA	Delhi Technological University	CO 101	PE 261	MA 101 and MA 102	
	Guru Gobind Singh Indraprastha University	ETCS 108	ETMA 202	ETMA 102	
	Medi-Caps University	EN3E06, EN3ES05	EN3BS02	EN3BS01	
	Thapar University	UTA003, UTA 018	UCS410	UMA010, UMA004	
	VIT University	CSE 1001	MAT2001	MAT1011, MAT2022	MAT3004
IRAN	Amirkabir University of Technology (Tehran Polytechnic)	Introduction to Computer and Programming (1126743)	Introduction to Probability (1319153)	Calculus 1 (1011053)	Foundation of Matrix and Linear Algebra (1218103)
SINGAPORE	Nanyang Technological University	CZ 1003, CZ 1007	MH 2500, MH 3500	MH 1805	MH 2802
	National University of Singapore	CS1010A	ST1131	MA2002	MA2001
	Temasek Polytechnic	CIT1C01, CIT1C02	CMA1C01, CMA1C02	CMA1C01, CMA1C02	
SOUTH KOREA	Korea University	COMM106	BUSS154	MATH161	IMEN151
	Seoul National University		326.311, 326.312		
TAIWAN	National Taiwan University	IM1013, IMPS1004	ECON2022		MATH4018
VIETNAM	Vietnam National University	CS 101	STAT 481	MATH 220	M111