

GRADE 12U MATH REQUIREMENTS FOR 2008 ONTARIO UNIVERSITY ADMISSIONS

Primary requirements for 4-year degrees, with exceptions following								
UNIVERSITY	MATH	SCIENCE	ENGIN.	COMP SCI	BUS./ COMM.	ARTS/ SOC. SCI.	ENV. STUD.	PHYS. ED./ KINES.
BROCK	MHF, MCV	MHF or MCV. Chem- MHF or MCV + 1 Math. Health- 1 Math (MDM*). Community, Child Health – None. Nurs- 1 Math rec.	NA	MHF or MCV	2 Math	None. Linguistics- MHV or MCV. Econ- MHF or MCV. Child&Youth, Psych- 1 Math (MDM*).	MHF or MCV.	Phys Ed, Kines- 1 Math. Kines (BSc)- MHF or MCV. Rec- None
CARLETON	MHF, MCV	MHF or MCV. Phys- MHF, MCV. IndDsgn- MHF (MCV rec).	MHF + 1 of MCV, Bio, Earth&Space (MCV*)	CS- MHF or MCV IT – MHF (MCV rec)	Comm- MHF + 1 Math. Intl Bus- 1 Math (MHF*)	None. Econ- MHF (MCV rec).	EnvSci- MHF or MCV. Arch- MHF (MCV rec).	NA
GUELPH	MCV	MHF. Agric- MHF (+ 1 Math rec). Phys, Chem- MCV.	MHF, MCV	MCV.	1 Math. MktMgt, AgricBus, MgtEcon- MHF.	None. SocSci- 1 Math rec. Child&Youth- MHF.	Lndscp, EnvSci- MHF. EnvMgt- 1 Math rec.	
LAKEHEAD	MHF + 1 Math	MHF + 2 of Math, Sci. Chem- MHF + 1 of MCV, MHF, Bio, Phys Nurs- 11M or 11U. Geol- 1 Math. WaterRes- 3 of Math, Sci.	MHF.	MHF + 1 Math or CS	1 Math.	None. Econ- 1 Math.	None. Bio & Geog- MHF. Earth- 1 Math. BSc (Frstry)- 3 of MHF, MCV, MDM, Sci, CS, Geog.	BScOutdoor Rec- 2 of Math or Sci. Kines- 1 Math.
LAURENTIAN	MHF + 1 Math (MCV*)	MHF + 2 Sci or 1 Math, 1 Sci (MCV rec). RadThrpy, Forens- MHF (MCV rec). Midwf, Nurs- None.	MHF + 1 of MCV, MDM, Econ, Bio, Earth&Space	MHF + 1 Math (MCV*)	BusAdmin- MHF + 1 Math. SprtsAdmin, Comm- 2 Math.	None	EnvSci- MHF + 2 Sci or 1 Math, 1 Sci (MCV rec).	Kines- MHF (MCV rec). PhysEd- None.
MCMASTER	MHF, MCV	Bio, Life, Psych- MHF + 1 of MCV, Chem, Phys. Chem, Phys- MHF, MCV. Earth- MHF + 1 of MCV, Bio, Phys. MedRad- MHF + 1 of MCV, Phys (both rec). Health- 1 Math. Nurs- MHF or MDM. Midwf- None.	MCV. BTech- MHF	MHF, MCV.	MHF + 1 Math.	None. Econ, Psych- MHF.	EnvSci- MHF + 1 of MCV, Bio, Phys.	Kines- MHF (MCV rec).
NIPISSING	MCV + 1 Math.	Bio- MHF or MCV. Psych- MCV. Nurs- 1 Math rec.	NA	MCV + 1 Math.	1 Math.	None. Econ- 1 Math	EnvBio & Tech- 1 of MCV, MHF, Phys. EnvSci & PhysGeog- MCV or MHF	NA
OCAD	NA	NA	NA	NA	NA	None	None	NA
ONT INST OF TECH	MHF + 2 of MCV, Bio, Chem, Phys (all 4 rec)	MHF + 2 of MCV, Bio, Chem, Phys (all 4 rec). Nurs- 1 Math. Health- 1 Math (MCV rec). Health Phys- MHF, MCV.	MHF, MCV.	CS- MHF + 2 of MCV, Bio, Chem, Phys (all 4 rec). IT- 1 Math.	Comm, Game Dev & Entrep- 1 Math	None.	MHF + 2 of MCV, Bio, Chem, Phys (all 4 rec)	NA
OTTAWA	MHF, MCV.	MHF + 2 of MCV, Sci (MCV rec). Phys- MHF, MCV. Health- 2 of MHF, MCV, Chem, Phys. Nurs- 11M. Nutr- None.	MCV.	MCV.	MHF, MCV.	None. Econ- MHF (MCV rec). Psych- MHF + 2 of MCV, Sci (MCV rec).	None. BSc- MHF + 2 of MCV, Sci (MCV rec).	Kines- 1 Math. Liesure- None.
QUEENS	MHF, MCV	MHF, MCV.	MCV + 1 of MHF, MDM, Bio, Earth&Space	MHF, MCV.	MCV + 1 Math.	None.	EnvSci- MHF, MCV.	PhysEd- None. Kines- MHF + 2 of MCV, Chem, Phys

KEY TO SHORT FORMS: MHF= Advanced Functions. MCV= Calculus & Vectors. MDM= Math of Data Mgt. * = Preferred.
None= No Math required. NA= Programme not available. rec= Highly Recommended. 1 Math= 1 of MHF, MCV, MDM required.
MHF + 1 Math= MHF + 1 of MCV or MDM required. (MHF, MCV rec)= MHF and MCV both recommended.
MHF (2 Math rec)= MHF required, MCV or MDM recommended. 11M= MCF3M. 11U= MCR3U.

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UNIVERSITY	MATH	SCIENCE	ENGIN.	COMP. SCI.	BUS./ COMM.	ARTS/ SOC. SCI.	ENV. STUD.	PHYS. ED./ KINES.
RMC	MHF, MCV	MHF, MCV	MHF, MCV	MHF, MCV	11M or 11U	11M or 11U	NA	NA
RYERSON	NA	MHF. Nurs- 1 Math rec. Occ & Pub Health- 1 Math rec.	MHF + 1 of MCV, Bio, Earth&Space (MCV*).	MHF + 1 Math (MCV*)	1 Math (MHF or MCV*). Public Admin- None.	None. Fashion, GraphCom, IntDsgn- 11M or 11U. Geog- 1 Math rec. Econ- 1 Math (MCV*)	UrbanPlan- None. Arch- MHF or MCV.	NA
TORONTO Mississauga Campus	MHF, MCV. Stats- MCV + 1 Math (MHF*).	Chem, Phys- MCV + 2 of MHF, Chem, Phys. Forens, Life- MCV. Psych- 1 Math.	NA	MHF, MCV.	Comm- MCV + 1 Math. Mgt- 1 Math rec.	None. Soc Sci- requirements unavailable	requirements unavailable	NA
TORONTO St. George Campus	MHF, MCV.	MHF, MCV.	MCV + 1 of MHF, MDM, Bio, Earth&Space	MHF, MCV.	MHF, MCV.	None. Econ- MHF, MCV.	None. EnvSci- MHF, MCV.	MHF or MCV.
TORONTO Scarborough Campus	MHF, MCV.	Phys- MHF, MCV. Chem – MCV. Life- MHF or MCV. Psych- 1 Math rec.	NA	MHF, MCV.	Mgt- MCV. Mgt & IT- MHF, MCV.	None. Econ- 1 Math rec.	EnvSci- 1 Math rec.	NA
TRENT	MCV (MHF rec).	1 Math rec. Forens, Phys, ChemPhys- MHF or MCV Psych- (MHF or MCV rec). Nurs- 1 Math.	NA	(MHF or MCV rec.)	(MHF or MCV rec.)	None. Psych- (MHF or MCV rec).	Env & Res Sci- None. EnvChem- 1 Math rec.	NA
WATERLOO	MHF, MCV (Euclid rec).	MHF, MCV. Health- MHF rec. Pre-Health- MHF.	Engin, Arch- MHF, MCV.	CS, Software Eng- MHF, MCV (Euclid rec).	Acct (BA)- (MHF, MCV or MDM rec). Acct (BMath)- MHF, MCV (Euclid rec). Comput & Fin Mgt- MHF, MCV.	None. Soc Sci- MDM rec.	Env Stud, Planning- 1 Math rec. Geog & Aviation, Geomatics- 1 Math.	Recr- None. Kines- MHF.
WESTERN ONTARIO	MHF + 2 of Math, Sci, CS (MCV*).	MHF + 2 of Math, Sci, CS (MCV*). Health Sci- 1 Math. Nurs- 11M or 11U.	MHF (MCV rec).	MHF + 2 of Math, Sci, CS (MCV*).	2 Math.	None. Econ- MHF or MCV. Psych- MHF rec. Soc, Geog- 1 Math rec. Music Admin- MHF.	Env Sci- MHF + 2 of Math, Sci, CS (MCV*).	Kines- MHF rec.
WILFRID LAURIER	MHF, MCV.	Bio- MHF + 1 Math or Phys. Chem- MHF, MCV. Geog- MHF. Phys- MHF + 2 of MCV, Chem, Phys. Psych- MHF.	NA	MHF + 1 of MCV, Chem or Phys.	MHF + 1 Math.	None. Econ- MHF + 1 Math. Appl Econ- MHF. Psych- 11M or 11U.	EnvSci- MHF.	BA- 11M or 11U. BSc- MHF (+ 1 Math rec).
WINDSOR	MHF (MCV rec).	MHF (MCV rec). Nurs- 1 Math rec.	MHF (MCV rec).	MHF (MCV rec).	1 Math. Bus&Econ- MHF (MCV rec).	None. Econ- MHF. Arts&Sci, Forens- MHF (MCV rec).	None. EnvSci- MHF (MCV rec).	Kines- None.
YORK	MHF (MCV rec).	MHF, MCV. Health- 1 Math rec. Psych, Nurs- 1 Math. GenSci, Geog- 1 Math (MHF*).	MHF, MCV.	CS, CompScrtcy - MHF + 1 Math (MCV*)	Admin- MHF + 1 Math (MCV*).	None. Econ- MHF (MCV rec). Psych- 1 Math.	None. EnvSci- MHF, MCV.	Kines(BA)- None. Kines(BSc)- 1 Math.

NOTES: Students should check calendars for up-to-date requirements and Websites may provide updates. Info magazine may not have full details. MHF should be taken as a first math credit for most programmes. MCV is required or recommended for most Math, Comp Sci, and Engineering programmes. MDM is accepted in many programmes, especially in Business and Social Sciences, but may fall outside the requirements in others, though still accepted as a credit. Math, Science and Computer Science programmes listed are through the BMath or BSc (not BA) streams. Three-year degree programs may have fewer requirements.

Students interested in university programs that require Grade 12 mathematics courses should be aware that, under Ministry of Education guidelines, MHF4U is a prerequisite of MCV4U. Some university programs require both of these mathematics courses. However, you will also see that, in some cases, the requirement may be stated as MCV4U and one other math course. Those who plan to take MCV4U to meet university requirements should keep in mind that MHF4U must be taken concurrently with or precede MCV4U (depending on you school's scheduling rules) to satisfy course requirements specified by the Ministry of Education.

SOURCES:

www.electronicinfo.ca/html/english/2008/index.html
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