

# New Mathematics requirements at UFV

As of February 2, 2011

B.C. secondary schools are phasing in the new Western and Northern Canadian Protocol (WNCP) mathematics curriculum. The Grade 11 courses begin in Sept. 2011, and the Grade 12 courses in Sept. 2012. Most UFV departments and programs have reviewed the new curriculum, and have re-set their entrance requirements or course prerequisites to reflect the outcomes of the new high school courses.

Please review the following tables that outline the new UFV program and course entrance requirements.

- **Table 1** indicates the proposed high-school mathematics **entrance requirements** for **UFV programs of study**. In some cases these requirements are awaiting final UFV approvals, but they do indicate the intention of the department. Note that in most cases the current mathematics entrance requirements (i.e. Principles, Applications, and Essentials math) will continue to apply as well for students graduating before 2013. If a UFV program is not listed in Table 1, this indicates that math is not an entrance requirement for the program (e.g. Bachelor of Fine Arts, etc.). Please check the UFV calendar for entrance requirements that exist in addition to math. Find the calendar online at [http://www.ufv.ca/calendar/2010\\_11/General/programindex.htm](http://www.ufv.ca/calendar/2010_11/General/programindex.htm).
- **Table 2** indicates the approved **high-school mathematics prerequisites** for **first-year UFV mathematics courses**. Some UFV programs do not have mathematics courses as *entrance* requirements, but do require that students take specific UFV mathematics courses to complete a program. These UFV math courses will have high school mathematics prerequisites. Students or counsellors investigating a particular program should consult the UFV calendar to determine what UFV math courses may be required for completion of the program, if any, and then check Table 2 below which shows the approved WNCP high school mathematics prerequisites.
- **Table 3** indicates the proposed high school mathematics prerequisites for various other UFV courses that students may take.

For more information, email [info@ufv.ca](mailto:info@ufv.ca)



## Table 1: Proposed program entrance requirements (subject to approval)

As of February 2, 2011

**Legend:** FOM=Foundations of Mathematics, PC=Pre-Calculus, and AWM=Apprenticeship and Workplace

Program	High school mathematics courses which are program entrance requirements (See calendar for all other entrance requirements)
Architectural Drafting Technician certificate	C+ or better in FOM 11
Bachelor of Kinesiology and Physical Education degree	C+ or better in FOM 12 (subject to review)
Bachelor of Science degree	B or better in PC 12
Bachelor of Science in Nursing degree	C+ in FOM 11, or PC 11
Business Administration diploma	C+ or better in FOM 11 or PC 11
Bachelor of Business Administration degree	C+ or better in FOM 12 or PC 12
CIS certificate, CIS diploma, Bachelor of CIS degree	C or better in PC 11 or C or better in FOM 11
Dental Hygiene diploma	C or better in FOM 11 or PC 11 or B or better in AWM 12
Electronics Technician Common Core certificate	FOM 11 or AWM 11
Practical Nursing certificate	C in FOM 11 or PC 11

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## Table 2: WNCP prerequisites for first-year UFV mathematics courses (approved)

As of February 2, 2011

**Legend:** FOM=Foundations of Mathematics, PC=Pre-Calculus, and AWM=Apprenticeship and Workplace

Course	WNCP Math Prerequisites
BUSINESS 162	C+ or better in either FOM 12 or PC 12
MATH 104*	C or better in one of FOM 11 or PC 11; or a B or better in AWM 12; or one of FOM 12, PC 12
MATH 105	C or better in both FOM 11 and PC 11; or one of FOM 12 or PC 12
MATH 106*	C or better in one of FOM 12 or PC 11; or PC 12
MATH 110	C or better in PC 12
MATH 111	B or better in PC 12
MATH 124	C or better in one of: FOM 11, PC 11; or FOM 12 or PC 12
MATH 125	C or better in one of: FOM 12, or PC 12
MATH 140	C+ or better in either FOM 11 or PC 11; or one of FOM 12 or PC 12
MATH 141	C+ or better in one of: FOM 12 or PC 12

Note: existing mathematics prerequisites will also continue to apply, as an alternative for students who graduate with math credentials from the current secondary school math curriculum.

\* Math 104 or 106 may be required for certain majors in the Bachelor of Arts degree program, such as Psychology and Sociology. Check "Areas of Study" in the UFV online Calendar at [www.ufv.ca/calendar](http://www.ufv.ca/calendar).

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### Table 3: WNCP prerequisites for various UFV courses (subject to approval)

As of February 2, 2011

**Legend:** FOM=Foundations of Mathematics, PC=Pre-Calculus, and AWM=Apprenticeship and Workplace

Course	WNCP Prerequisites
ASTRONOMY 104	PC 11 or C or better in FOM 11
BUSINESS COURSES	See Business Administration program entrance requirements
CHEMISTRY 110	FOM 11 or PC 11 (Note: CHEM 113 has a PC 12 prerequisite)
CHEMISTRY 113	PC 12
COMPUTING SCIENCE 125	C or better in one of PC 11 or FOM 11
COMPUTING SCIENCE 150	C or better in one of PC 11 or FOM 11
COMPUTING SCIENCE 152	C+ or better in PC 12
PHYSICS 101	PC 12
PHYSICS 105	PC 12
PSYCHOLOGY 110	FOM 11 or PC 11

Note: existing mathematics prerequisites will also continue to apply, as an alternative for students who graduate with math credentials from the current secondary school math curriculum.

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