

**Courses Transferrable from Université de Saint-Boniface
to
U of Manitoba Engineering Program**

Université de Saint-Boniface		Year	Civil	Mech	Elec	Comp	Bio sys	University of Manitoba Equivalent	
Course Code	Course Name							Course Code	Course Name
CHEM 1301	Université I Chimie : La structure et la modélisation chimique	Year 1	3	3	3	3	3	CHEM1300	University Chemistry 1
COMP 1013	Programmation informatique pour scientifiques et ingénieurs	Year 1	3	3	3	3	3	COMP 1012	Computing for Engineers
MATH 1501	Introduction au calcul	Year 1	3	3	3	3	3	MATH 1500	Applied Calculus 1
PHYS 1051	Physique I : La mécanique	Year 1	3	3	3	3	3	PHYS 1050	Physics - Mechanics
MATH 1211	Techniques d'algèbre classique et linéaire	Year 1	3	3	3	3	3	MATH 1210	Tech. of Classical/Linear Algebra
ENG 1441	Introduction à la statique	Year 1	3	3	3	3	3	ENG 1440	Intro to Statics
MATH 1701	Calcul II	Year 1	3	3	3	3	3	MATH 1700	Applied Calculus 2
	Year 1 Arts or Management – CSE #1	Year 1	3	3	3	3	3		Year 1 Complimentary Studies Elective – see table for list of possibilities
	Year 1 Arts or Management – CSE #2	Year 2	3	3	3	3	3		Complimentary Studies Elective – see list of possible courses
	Year 1 Arts or Management – CSE #3 (Biosystems only)						3		Complimentary Studies Elective – see list of possible courses
CHEM 1311	Université I Chimie : Une introduction à la chimie physique	Year 2	3	3			3	CHEM 1310	University Chemistry 2
PHYS 1071	Physique II : La physique des ondes et la physique moderne	Year 2		3				Phys 1070	Waves and Modern Physics
COMP 1021	Introduction à l'informatique II					3		COMP 1020	Intro Comp Science 2
MBIO 1011	MBIO 1011 - Microbiologie I						3	MBIO 1010	Microbiology
BIO 1411	Anatomie du corps humain	Year 2					3	BIOL 1410	Anatomy of Human Body
BIO 1413	Physiologie du corps humain	Year 2					3	BIOL 1412	Physiology of the Human Body
	Natural Science Elective	Year 2			3	3			Natural Science Elective – See list of possible courses
	Natural Science Elective	Year 2				3			Natural Science Elective – See list of possible courses
	Free Elective (Biosystems only)						3		See list of possible courses
	Free Elective (Biosystems only)						3		See list of possible courses
STAT 1001 + STAT 2001	Analyse statistique de base I Analyse statistique de base II	Year 2	3	3	3	3	3	STAT 1000+ STAT 2000	Statistics 1 PLUS Statistics 2 together meets requirement of STAT 2220
	Total No. of Courses Transferred		11	12	11	13	17		
	Total Number of Credit Hours Transferred		33	36	33	39	51		
	Approx. total Number of Credit Hours in Program (min.)		164	157-159	159-160	157-161	152-154		

Special Note: Each student transferring must have CEAB/AU calculations completed to ensure compliance.

Possibilities for Complimentary Studies Electives:

PSYC	1211	Introduction à la psychologie I
MKT	2211	Principes de marketing
ECON	1011	Introduction à la microéconomie
ECON	1021	Introduction à la macroéconomie
ACC	1101	Introduction à la comptabilité financière
ENGL	1061	Anglais langue seconde I
GMGT	1011	Les entreprises et la société
GMGT	2061	Management et théorie des organisations
GMGT	2011	Business Communications and Critical Thinking
HIST	1441	Histoire du Canada Part A and B (6 ch)
PHIL	1291	Pensée critique
PHIL	1401	Introduction à l'éthique
SOC	1211	Introduction à la microsociologie

Other year 1 Arts or Management equivalent courses can be used

Possibilities for Natural Science Elective(s) in Electrical and Computer Engineering:

BIOL	1021	Biologie I: Thèmes et Principes
BIOL	1411	Anatomie du corps humain
CHEM	1311	Université I Chimie : Une introduction à la chimie physique

Possibilities for Free Elective in Biosystems Program (can be anything of interest to you):

CHEM	2471	Introduction à la chimie analytique
GEOG	1281	Introduction à la géographie humaine
GEOG	1291	Introduction à la géographie physique
GEOG	2331	Espace, populations et migrations : perspectives géographiques

Or any courses in lists above that have not yet been used in the program