Warren Centre for Actuarial Studies and Research

Course Sequencing Examples for Students **Admitted** to the Asper School of Business **IN and AFTER** September 2023

Updated: September 24, 2024

Introduction

Foundational courses comprise 24 credit hours (CH) of courses that students are expected to take in Year 1 of their program. These will be denoted as (f) below.

Core courses comprise 45 CH of courses that are mandatory to be completed throughout the degree at the Asper School of Business, regardless of the major selected. These will be denoted as (c) below.

Professional Skills courses comprise of 4 courses (1.5CH each) that are mandatory to be completed. These will be denoted as (ps) below.

Major courses are defined as courses that contribute to the progress of the selected major. 15 credit hours of major courses are required. These will be denoted as (m) below. Actuarial majors may choose 15 credit hours[1] from the following list below:

ACT 2120 (3 credit hours)
ACT 3130 (3 credit hours)
ACT 3230 (3 credit hours)
ACT 3340 (3 credit hours)
ACT 4010 (3 credit hours)
ACT 4020 (3 credit hours)
ACT 4030 (3 credit hours)
ACT 4040 (3 credit hours)

Business Electives courses are taught by the Asper School of Business. These will be denoted as (be) below.

Non-Business Elective courses are defined as any course that is not taught by the Asper School of Business. These will be denoted as (ne) below.

Associateship of the Society of Actuaries (SOA) pathway courses

Courses towards the SOA exams and VEE credits are emphasized in the notes section. Beginning from September 2024, students are eligible to get SOA exam credits by completing the corresponding courses with a satisfying mark (75%) through SOA's University Earned Credit (UEC) program. The following shows all the UEC courses at University of Manitoba.

Exam FM – ACT 2120
Exam FAM – ACT 3130, ACT 3340, and ACT 4020
Exam SRM – ACT 4010 and ACT 4040
Exam ALTAM – ACT 3230
Exam ASTAM – ACT 3340 and ACT 4030

[1] A minimum grade of C+ is required to earn credit hours from a major course.

Example course sequencing charts

BComm Actuarial Math Major – Year 1

Fall	Winter
(f) ECON 1010	(f) ECON 1020
(f) MATH 1524	(f) MATH 1700
(f) STAT 1150	(f) MATH 1300
(f) W (Written English)	(ne) STAT 2150
(f) GMGT 1010	(c) GMGT 2070
Notes: ECON 1010 (B) and ECON 1020 (B) are eligible to apply for VEE-Economics credit. MATH 1700 (B) is required for STAT 2800 and ACT 2120. STAT 1150 is a prerequisite for STAT 2400. STAT 2150 is a prerequisite for STAT 3100.	

BComm Actuarial Math Major – Year 2

Fall	Winter
(m) ACT 2120	(ne) MATH 2720
(ne) STAT 2400	(ne) STAT 2800
(c) ACC 1100	(c) ACC 1110
(ps) IDM 1010	(c) FIN 2010
(ps) GMGT 1000	(c) GMGT 2010
(ps) IDM 1020	
(ps) SCM 1000	
Notes: ACT 2120 covers Exam FM. STAT 2400 and STAT 2800 cover Exam P. ACC 1100 (B) and FIN 2010 (B) are eligible to apply for VEE-Accounting and Finance credit. FIN 2010 (C+) is required for ACT 4060. ACT 2120 and STAT 2800 are prerequisites for ACT 3130.	

BComm Actuarial Math Major – Year 3

Fall	Winter
(m) ACT 3130	(m) ACT 3340
(m) ACT 4020	(be) ACT 4010
(ne) STAT 3100	(be) ACT 4030
(c) IDM 2010*	(c) HRIR 2440
(c) IDM 2020	(c) MKT 2210
Notes: ACT 3130, ACT 3340 and ACT 4020 cover Exam FAM. ACT 3340 and ACT 4030 covers Exam ASTAM. STAT 3100 (B) is eligible to apply for VEE-Mathematical Statistics credit. STAT 3100 is the pre- or co-requisite for ACT 4010 and ACT 4020. *Students admitted in September 2023 may instead take ACT 2210 as a business elective.	

BComm Actuarial Math Major – Year 4

Fall	Winter
(m) ACT 3230	(be) ACT 4060
(be) ACT 4040	(be) ACT 4160
(c) SGMT 2200	(c) ENTR 2030
(c) SCM 2160	(c) IDM 3010
(c) GMGT 3300	(c) GMGT 4010
Notes: ACT 3230 covers Exam ALTAM. ACT 4010 and ACT 4040 cover Exam SRM.	