

Warren Centre for Actuarial Studies and Research

Course Sequencing for Students **Admitted** to the Faculty of Science **IN**
September 2019

Updated: July 10, 2019

B.Sc. Example Course Sequence:

Note: ASA Pathway Course

Courses towards the SOA exams and VEE credits are highlighted in the notes section in blue.

B.Sc. Actuarial Major: Year 1

Fall Semester	Winter Semester
ECON 1010	ECON 1020
MATH 1230 (or MATH 1500)	MATH 1220 (or MATH 1300)
STAT 1150 (or STAT 1000 & STAT 2000)	MATH 1232 (or MATH 1700)
MATH 1240	STAT 2150
Elective 1	Elective 2
Notes: ECON 1010 and ECON 1010 satisfy VEE – Economics MATH 1220 (or 1300) and MATH 1232 (or 1700) are needed for MATH 2720, and MATH 1230 is a prerequisite for MATH 1232. STAT 1150 (C) or STAT 2000 (B) is a prerequisite for STAT 2400.	

B.Sc. Actuarial Major: Year 2

Fall Semester	Winter Semester
MATH 2720	Elective
ACT 2120	ACT 2020
STAT 2400	STAT 3400
ACC 1100	GMGT 2010
ACT 2210	FIN 2200
Notes: MATH 2720 is needed for ACT 2120. ACT 2120 and 2020 satisfy Exam FM. ACT 2120 is a prerequisite for ACT 3130. STAT 2400 and STAT 3400 satisfy Exam P. STAT 2400 is required for STAT 3400. STAT 3400 is a prerequisite for ACT 3130, 4010 and 4020. ACC 1100 and FIN 2200 satisfy VEE – Accounting and Finance. FIN 2200 is a prerequisite for ACT 4060.	

B.Sc. Actuarial Major: Year 3

Fall Semester	Winter Semester
ACT 3130	ACT 3230
ACT 3340	ACT 4030
Elective ¹	STAT 3800
Elective ¹	STAT 3050
ACT 4020	Elective
<p>Notes:</p> <p>ACT 3130 and ACT 3230 satisfy Exam LTAM.</p> <p>ACT 3340 (taken with ACT 2020 from U2) satisfy Exam IFM.</p> <p>ACT 4020 and ACT 4030 (replaces old ACT 4630) satisfy STAM.</p> <p>IDM 4050 – topics (Mathematical Statistics) satisfies VEE Mathematical Statistics ** students may also take STAT 4100 and STAT 4200 to satisfy VEE – Mathematical Statistics in place of IDM 4050 – topics (Mathematical Statistics).</p> <p>1. It is recommended that IDM 4050 –Topics – Mathematical Statistics** be taken as one of your electives.</p>	

B.Sc. Actuarial Major: Year 4

Fall Semester	Winter Semester
Elective ¹	ACT 4060
Elective ²	Elective
STAT 3470	STAT 3490
MSCI 2150	ACT 4160
Elective	Elective
<p>Notes:</p> <p>ACT 4010 covers 60% of the material for Exam SRM.</p> <p>ACT 4060 introduced in 2019-20 to cover 40% of Exam SRM</p> <p>IDM 4050 – Topics – Project – Predictive Analytics maps to the SOA Project – Predictive Analytics.</p> <p>MSCI 2150 requires MATH 1500 and [STAT 1150 or STAT 1000]</p> <p>1. Recommend ACT 4010 be taken</p> <p>2. Recommend that IDM 4050 – NEW topic (Project – Predictive Analytics) be taken</p>	