B.Sc. or B.A. Joint Major in Data Science

Academic Year 2025–2026
Mathematics and Statistics Stream
Suggested Curriculum

Required courses: 33 credits Math & Stat Component + 39 credits Computer Science Component = 72 credits in total

TERM 1 (F)	TERM 2 (W)	TERM 3 (F)	TERM 4 (W)	TERM 5 (F)	TERM 6 (W)
STAT 280[3]	MAST 234[3]	MAST 334[3]	STAT 380[3]	COMP 353[4]	STAT 385[3]
MAST 218[3]	MAST 333[3]	MAST 387[3]	ENCS 282[3]	M&S or CS elective	ENCS 393[3]
MAST 221[3]	COMP 228[3]	COMP 335[3]	M&S or CS elective	M&S or CS elective	SOEN 471[4]
COMP 232[3]	COMP 249[3.5]	COMP 352[3]			M&S or CS elective
COMP 248[3.5]					

---

(1) The four M&S or CS electives must include two M&S electives and two CS electives.
(2) M&S electives include at least six credits of MACF/MAST/MATH/STAT courses at the 300 or 400 level.
(3) CS electives include at least six credits of electives chosen from 400-level COMP/SOEN courses with prior departmental approval.
(4) Do not take BTM 200, DESC 200, INTE 290, or INTE 296/STAT 2096. They are not credited to students enrolled in Mathematics and Statistics programs. BSc students: do not take CHEM 208.
(5) For students in the BSc or BA Joint Major in Data Science the Faculty of Arts and Science 24-credit and six-credit general elective rules are fulfilled.
(6) MAST 334 may not be replaced with COMP 361; STAT 380 may not be replaced with COMP 432; STAT 385 may not be replaced with COMP 433.

Program Requirements

27	MAST 218, MAST 221, MAST 234, MAST 333, MAST 334, MAST 387, STAT 280, STAT 380, STAT 385
6	credits chosen from: MACF/MAST/MATH/STAT elective courses at the 300 or 400 level
27	COMP 228; COMP 232, COMP 248, COMP 249, COMP 335, COMP 352, COMP 353, SOEN 471
6	ENCS 282, ENCS 393
6	Two COMP/SOEN electives (400 level) with prior departmental approval