

Provisional 300-level Statistics and Operations Research courses for 2011

MATH 353 Optimization (also listed in the MATH courses)	1/3
Prerequisites: MATH 142, MATH 151, one of (MATH 243, MATH 244, MATH 251, MATH 261) + 15 further points from 200-level MATH or OPRE X OPRE 351	
MATH 377 Probability and Random Processes	1/3
Prerequisites: MATH 243, (MATH 277 or STAT 232) X STAT 333	
OPRE 354 Simulation and Stochastic Models	2/3
Prerequisites: COMP 102, one of (MATH 177, MATH 277, STAT 131, STAT 232, STAT 292) and 15 further points from 200-level COMP, MATH or OPRE Double labelled COMP 312; X OPRE 352	
OPRE 355 Operations Research Applications	2/3
Prerequisites: COMP 102, one of (MATH 353, OPRE 253), one of (MATH 177, MATH 277, STAT 131, STAT 232, STAT 292)	
STAT 332 Statistical Inference	2/3
Prerequisites: MATH 243, (MATH 277 or STAT 233) X STAT 331	
STAT 391 Mathematical Methods for Applied Statistics	1/3
Prerequisites: STAT 291 or STAT 292 X MATH 206, MATH 207, MATH 243, MATH 251	
STAT 392 Sample Surveys	1/3
Prerequisites: STAT 193 or equivalent, 30 approved 200-/300-level points X STAT 439	
STAT 393 Linear Models	2/3
Prerequisites: (MATH 243 and (MATH 277 or STAT 233)) or (STAT 293 and STAT 391) X STAT 331	
STAT 394 Multivariate Statistics	2/3
Prerequisites: MATH 277 or STAT 233 or (STAT 292 and STAT 391) X STAT 338	

Provisional 100-/200-level Statistics and Operations Research courses for 2011

MATH 177 Probability and Decision Modelling	2/3
Prerequisites: 16 credits NCEA level 3 Mathematics (or equivalent) or MATH 132 X STAT 131	
STAT 193 Statistics for Natural and Social Sciences	1/3 + 2/3
X QUAN 102, STAT 231	
MATH 277 Mathematical Statistics	1/3
Prerequisites: MATH 142, MATH 151 X OPRE 252, STAT 231, STAT 233	
OPRE 253 Operations Research	1/3
Prerequisites: one of (MATH 141, MATH 142, MATH 151, MATH 161, MATH 177, STAT 131) or a comparable background in Mathematics X OPRE 251	
STAT 292 Applied Statistics 2A	1/3
Prerequisites: STAT 193 or a comparable background in Statistics X STAT 291	
STAT 293 Applied Statistics 2B	2/3
Prerequisites: STAT 292 or a comparable background in Statistics X STAT 291	