

**CHANCE AND DATA ANALYSIS (3)***Class Number: 3538 Delivery Method: In Person***COURSE TIMES + LOCATION:**

Tu 8:30 AM – 10:20 AM  
SUR 2600, Surrey

Th 8:30 AM – 9:20 AM  
SUR 2600, Surrey

**EXAM TIMES + LOCATION:**

Dec 14, 2017  
3:30 PM – 6:30 PM  
SUR 2600, Surrey

Dec 14, 2017  
3:30 PM – 6:30 PM  
SUR 3090, Surrey

Dec 14, 2017  
3:30 PM – 6:30 PM  
SUR 3310, Surrey

**INSTRUCTOR:**

Gamage Perera  
[gperera@sfu.ca](mailto:gperera@sfu.ca)  
778.782.9602  
Office: SC-K10557

**CALENDAR DESCRIPTION:**

Chance phenomena and data analysis are studied through simulation and examination of real world contexts including sports, investment, lotteries and environmental issues. Intended to be particularly accessible to students who are not specializing in Statistics. Students may not obtain credit for STAT 100 if they already have credit for - or are taking concurrently - any upper division STAT course. Quantitative/Breadth-Science.

**COURSE DETAILS:**

(Prerequisites: MATH 100 or MATH 101 or MATH 102 or MATH 103 or MATH 104 or MATH 105 or MATH 106 or MATH 107 or MATH 108 or MATH 109 or MATH 110 or MATH 111 or MATH 112 or MATH 113 or MATH 114 or MATH 115 or MATH 116 or MATH 117 or MATH 118 or MATH 119 or MATH 120 or MATH 121 or MATH 122 or MATH 123 or MATH 124 or MATH 125 or MATH 126 or MATH 127 or MATH 128 or MATH 129 or MATH 130 or MATH 131 or MATH 132 or MATH 133 or MATH 134 or MATH 135 or MATH 136 or MATH 137 or MATH 138 or MATH 139 or MATH 140 or MATH 141 or MATH 142 or MATH 143 or MATH 144 or MATH 145 or MATH 146 or MATH 147 or MATH 148 or MATH 149 or MATH 150 or MATH 151 or MATH 152 or MATH 153 or MATH 154 or MATH 155 or MATH 156 or MATH 157 or MATH 158 or MATH 159 or MATH 160 or MATH 161 or MATH 162 or MATH 163 or MATH 164 or MATH 165 or MATH 166 or MATH 167 or MATH 168 or MATH 169 or MATH 170 or MATH 171 or MATH 172 or MATH 173 or MATH 174 or MATH 175 or MATH 176 or MATH 177 or MATH 178 or MATH 179 or MATH 180 or MATH 181 or MATH 182 or MATH 183 or MATH 184 or MATH 185 or MATH 186 or MATH 187 or MATH 188 or MATH 189 or MATH 190 or MATH 191 or MATH 192 or MATH 193 or MATH 194 or MATH 195 or MATH 196 or MATH 197 or MATH 198 or MATH 199 or MATH 200 or MATH 201 or MATH 202 or MATH 203 or MATH 204 or MATH 205 or MATH 206 or MATH 207 or MATH 208 or MATH 209 or MATH 210 or MATH 211 or MATH 212 or MATH 213 or MATH 214 or MATH 215 or MATH 216 or MATH 217 or MATH 218 or MATH 219 or MATH 220 or MATH 221 or MATH 222 or MATH 223 or MATH 224 or MATH 225 or MATH 226 or MATH 227 or MATH 228 or MATH 229 or MATH 230 or MATH 231 or MATH 232 or MATH 233 or MATH 234 or MATH 235 or MATH 236 or MATH 237 or MATH 238 or MATH 239 or MATH 240 or MATH 241 or MATH 242 or MATH 243 or MATH 244 or MATH 245 or MATH 246 or MATH 247 or MATH 248 or MATH 249 or MATH 250 or MATH 251 or MATH 252 or MATH 253 or MATH 254 or MATH 255 or MATH 256 or MATH 257 or MATH 258 or MATH 259 or MATH 260 or MATH 261 or MATH 262 or MATH 263 or MATH 264 or MATH 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1. Introduction
2. Study Designs
3. Representing Data
4. Using Variability to Understand Probability
5. Answering questions about populations
6. Looking for relationships
7. Models for unknown reality

