

# DEPARTMENT OF MATHEMATICS AND STATISTICS

(SEMESTER 1, 2022/2023)

## COURSE: STAT 6100 – Applied Probability Theory

AUTHOR(S)	TITLE	PUBLISHER
<b>CATEGORY A</b>		
GRIMMETT, G. AND WELSH, D.	Probability : An Introduction	Oxford University Press
ROSS, SHELDON M.	An Introduction to Probability Models	Academic Press, 10 <sup>th</sup> Edition
DEGROOT, M. AND SCHERVISH, M.	Probability and Statistics	Pearson Education, 4 <sup>th</sup> Edition
<b>CATEGORY B</b>		
GRIMMETT, G. STIRZAKER, D.	Probability and Random Processes	Oxford University Press, 3 <sup>rd</sup> Edition
ALLEN, LINDA	An Introduction to Stochastic Processes with Applications to Biology	Pearson Education, 2 <sup>nd</sup> Edition
CASELLA, G. AND BERGER, R.	Statistical Inference	Duxbury, 2 <sup>nd</sup> Edition

**A. ESSENTIAL TEXT**

**B. HIGHLY RECOMMENDED**

**C. RECOMMENDED**