

TIMETABLE FOR SEMESTER I, 2017/2018

LSM4255 – Methods in Mathematical Biology
Module Coordinator: Dr Chisholm, Ryan Alistair
 Email: chisholm@nus.edu.sg
 Tel: 6516 1285

LECTURES:	TUESDAYS	PRACTICALS:	FRIDAYS
TIME:	1600 – 1800 hrs	TIME:	1600 – 1800 hrs
VENUE:	S16-0430	VENUE:	LS Lab 5, S2 Level 4

WK	MONTH	LECTURES	PRACTICALS
		TUESDAYS	FRIDAYS
1.	Aug	15 Introduction and overview	18 Introduction to R, review of basic mathematical techniques
2.		22 Difference equations	25 Each week's practical will involve mathematical problem solving and R coding with the goal of mastering skills taught in the lecture
3.	Aug/Sep	29 Population structure	1 Holiday
4.	Sep	5 Differential equations	8
5.		12 Dynamical systems I	15
6.		19 Dynamical systems II	22
<i>Recess Week: Sat 23 Sep – Sun 1 Oct 2017 (1 week)</i>			
7.	Oct	3 Spatial models and stochastic models	6
8.		10 Communities and ecosystems I	13
9.		17 Communities and ecosystems II	20
10.		24 Bistability and hysteresis	27
11.	Oct/Nov	31 Population genetics	3
12.		7 Game theory and adaptive dynamics	10
13.		14 Infectious diseases	17
READING PERIOD: Sat 18 Nov to Fri 24 Nov 2017 (1 week)			
EXAMINATION: Tuesday, 5 December 2017, 5pm			
VACATION: Sun 10 Dec 2017 to Sun 14 Jan 2018 (5 weeks)			

Other Module Coordinator(s):
None