

UNIVERSITY OF NAIROBI

FACULTY OF VETERINARY MEDICINE DEPARTMENT OF CLINICAL STUDIES

FIRST SEMESTER 2022/2023 TEACHING SCHEDULE

FOURTH YEAR BSc. WILDLIFE MANAGEMENT AND CONSERVATION

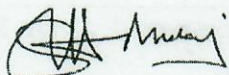
JWL 430: WILDLIFE POPULATION ECOLOGY

DATE	TIME	TOPIC	LECTURER
OCTOBER 2022			
Monday 3 RD	9.00-10.00 am	Introduction to Course Outline	Dr. Muchane Muchai
Tuesday 4 TH	3.00-5.00 pm	Introduction to Course Outline	Dr. Muchane Muchai
Monday 10 TH	9.00-10.00 am	Application of properties of populations in management- Life tables and demographics	Dr. Muchane Muchai
Tuesday 11 TH	3.00-5.00 pm	Application of properties of populations in management- Life tables and demographics	Dr. Muchane Muchai
Monday 17 TH	9.00-10.00 am	Application of properties of populations in management- Population size and density	Dr. Muchane Muchai
Tuesday 18 TH	3.00-5.00 pm	Application of properties of populations in management- Population life cycles- The importance of vernal pools	Dr. Muchane Muchai
Monday 24 TH	9.00-10.00 am	Population increases and environmental resources- Population dynamics- Natality, natality rate, fertility	Dr. Muchane Muchai
Tuesday 25 TH	3.00-5.00 pm	Population increases and environmental resources- Fecundity, mortality, mortality rate, sex ratio	Dr. Muchane Muchai
Monday 31 ST	9.00-10.00 am	Population increases and environmental resources- Standing crop, biomass	Dr. Muchane Muchai
NOVEMBER 2022			
Tuesday 1 ST	3.00-5.00 pm	CAT 1	
Monday 7 TH	9.00-10.00 am	Ecological isolations of protected areas- Parks, reserves, zoos	Dr. Muchane Muchai
Tuesday 8 TH	3.00-5.00 pm	Ecological isolations of protected areas- Sanctuaries, Ranches, Orphanages, Conservancies	Dr. Muchane Muchai
Monday 14 TH	9.00-10.00 am	Ecological isolations of protected areas- Wildlife movement corridors	Dr. Muchane Muchai
Tuesday 15 TH	3.00-5.00 pm	Wildlife population distribution patterns- Wildlife dispersion methods	Dr. Muchane Muchai

Monday 21 ST	9.00-10.00 am	Wildlife sexing and aging techniques	Dr. Muchane Muchai
Tuesday 22 ND	3.00-5.00 pm	Wildlife sexing and aging techniques	Dr. Muchane Muchai
Monday 28 TH	9.00-10.00 am	Population ecology models- Shannon and Weiner index model- To measure species richness	Dr. Muchane Muchai
Tuesday 29 TH	3.00-5.00 pm	Population ecology models- Lotka Volterra model	Dr. Muchane Muchai
DECEMBER 2022			
Monday 5 TH	2.00-3.00 pm	Population ecology models – Normal distribution curve- Age structure- (Age as a factor in determining the future of a population)	Dr. Muchane Muchai
Tuesday 6 TH	3.00-5.00 pm	CAT	Dr. Muchane Muchai
Monday 12 TH	3.00-5.00 pm	Revision	Dr. Muchane Muchai
Tuesday 13 TH	9.00-10.00 am	Practical/ Revision	Dr. Muchane Muchai
JANUARY 2023			
Monday 9 TH	3.00-5.00 pm	Practical/ Revision	Dr. Muchane Muchai
Tuesday 10 TH	9.00-10.00 am	Practical/ Revision	Dr. Muchane Muchai
Monday 16 TH	3.00-5.00 pm	Practical/ Revision	Dr. Muchane Muchai
Tuesday 17 TH	9.00-10.00 am	Practical/ Revision	Dr. Muchane Muchai
23RD JAN– 03 FEB 2023		SEMESTER I UNIVERSITY EXAMINATIONS	

VENUE: ONLINE TEACHING.

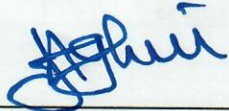
PREPARED BY:



Date: 22 August 2022

Dr. Muchane Muchai Head of Wildlife Section

APPROVED BY:



CHAIRMAN
DEPARTMENT OF CLINICAL STUDIES
FACULTY OF VET: MEDICINE

Date: 9/9/2022

Prof. J. Nguhiu-Mwangi Chairman, Department of Clinical Studies

CC. All Notice Boards Class Rep, BSc Wildlife 4th Year Class