

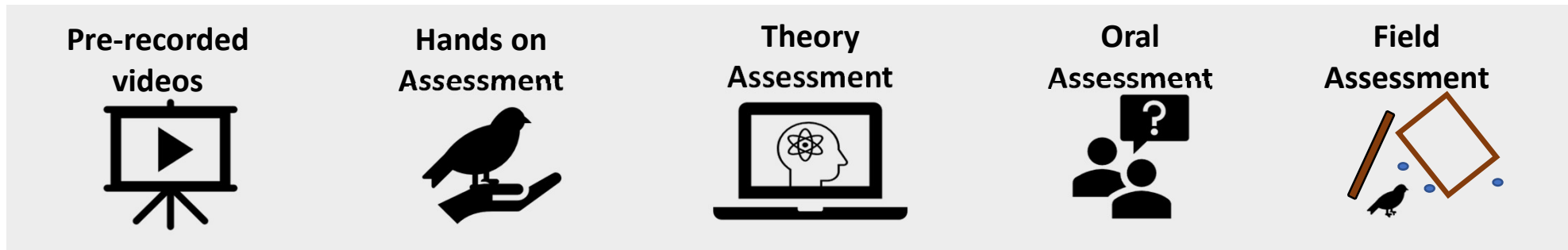
# AMBCPCP: Animal Management Professional Certification Programme (Basic Module)

To accommodate for safe distancing measures, virtual learning options will be made available:

1. Theory components will be conducted through pre-recorded lectures, except for the assessment presentation which will be conducted through live streaming on WEBEX
2. MCQ Assessment will be done through an online quiz
3. Group discussion and presentation will be replaced by individual online presentation
4. Hands-on session will still be conducted in person but within the allowed learners number limit e.g. multiple small groups setting

## Programme Structure

- This is a blended programme with live WebEx sessions, pre-recorded lectures, physical hands-on session as well as online assessment.
- Your total time commitment for the programme is approximately **8 hours and 25 mins, excluding field assessment.**
- Field Assessment requires site preparation over **2-3 days** and include supervised trapping operations.



## Notes

- You are expected to attend the Live session as recording (if any) will not be circulated.
- You will be assigned to a time slot for the hands-on and oral assessment. Actual timing will be confirmed only after programme commencement.
- If you are required to do a retest, we will inform you of the retest schedule, the assessor will re-confirm the timing following the release of assessment result.

## Week 1

Date	Duration	Topic & Outline	Learning Outcomes	Method	Trainers
11 to 15 Apr (Self-study)	45 mins	<b>Introduction to Urban Animals in Singapore</b> <ul style="list-style-type: none"> <li>○ Animal Ecology &amp; Diversity in Singapore</li> <li>○ Human-wildlife Interactions in Singapore</li> <li>○ Importance of Ensuring Public, Personnel Safety &amp; Animal Welfare</li> </ul>	<ul style="list-style-type: none"> <li>○ Introduction to the ecology &amp; diversity of urban animals in Singapore</li> <li>○ Understand relevance of animal management in our City in Nature</li> <li>○ Understand the importance of public, personnel safety &amp; animal welfare in the course of work</li> </ul>	Pre-recorded (Self-study)	Lead: Mr How Choon Beng
	30 mins	<b>Legislation Governing Wildlife and Animal Welfare Issues in Singapore</b> <ul style="list-style-type: none"> <li>→ Statutes:               <ul style="list-style-type: none"> <li>○ Wildlife Act (WA)</li> <li>○ Animals and Birds Act (ABA)</li> <li>○ Parks and Trees Act (PTA)</li> <li>○ Endangered Species (Import and Export) Act (ESA)</li> </ul> </li> <li>→ Case Scenarios for Discussion</li> </ul>	<ul style="list-style-type: none"> <li>○ Understand the legislative powers regulating animal management &amp; welfare</li> <li>○ Be familiar with common provisions used to regulate animal management &amp; welfare</li> <li>○ Understand the relevance of the regulations to scope of work</li> </ul>	Pre-recorded (Self-study)	Lead: Dr Anna Wong
	60 mins	<b>Animal Welfare</b> <ul style="list-style-type: none"> <li>→ Fundamental Principles &amp; Concepts of Animal Welfare</li> <li>→ Recommended Methods:               <ul style="list-style-type: none"> <li>○ Physical Restraint</li> <li>○ Trapping</li> <li>○ Transport</li> </ul> </li> <li>→ Case Scenarios for Discussion</li> </ul>	<ul style="list-style-type: none"> <li>○ Understand what animal welfare is</li> <li>○ Be familiar with the fundamental principles &amp; concepts of animal welfare</li> <li>○ Have knowledge of recommended animal restraint, trapping &amp; transport methods</li> </ul>	Pre-recorded (Self-study)	Lead: Dr Shawn Chia
	90 mins	<b>Animal Diseases</b> <ul style="list-style-type: none"> <li>○ Importance &amp; Implications of Zoonoses in Public Health</li> <li>○ Common Zoonotic Diseases</li> <li>○ Overview of Bio-surveillance Management</li> </ul>	<ul style="list-style-type: none"> <li>○ Understand the importance &amp; implications of zoonoses in public health</li> <li>○ Be familiar with common zoonotic diseases, especially for animals commonly encountered in the course of work</li> <li>○ To demonstrate an understanding of disease surveillance</li> </ul>	Pre-recorded (Self-study)	Lead: Dr Charlene Fernandez

Date	Duration	Topic & Outline	Learning Outcomes	Method	Trainers
11 to 15 Apr (Self-study)	30 mins	<b>Birds</b> → Behaviour, Physiology & Distribution → Population Management → Health & Safety → Species covered: ○ Rock pigeon ○ Javan myna ○ Common myna ○ House crow ○ Asian koel → Public Engagement: Answering Common FAQs  Case Scenarios for Discussion	<ul style="list-style-type: none"> <li>○ Understand the concept of native vs non-native species</li> <li>○ Identify common urban birds of Singapore</li> <li>○ Understand basic behaviour, physiology and distribution of common urban birds species</li> <li>○ Understand what a population management plan is and its components</li> <li>○ Have knowledge of how a population management plan is implemented</li> <li>○ Have knowledge of the proper operations workflow for exempted birds species trapping</li> <li>○ Use of proper PPE and practise good hygiene</li> <li>○ Perform proper disposal of carcasses</li> <li>○ Be able to answer common FAQs by members of the public</li> </ul>	Pre-recorded (Self-study)	Lead: Dr Malcolm Soh
	30 mins	→ <b>Pre-recorded Video Demonstration:</b> ○ Bird Handling ○ Bird Trapping & Transport ○ Depopulation	<ul style="list-style-type: none"> <li>○ Have knowledge of recommended handling and restraint methods</li> <li>○ Use of a trap that ensures public, personnel safety and animal welfare</li> <li>○ Have knowledge of the recommended method of depopulation</li> <li>○ Perform proper disposal of carcasses</li> </ul>	Pre-recorded video demonstration (Self-study)	Lead: Mr How Choon Beng
	10 mins	<b>Concluding Address</b>	<ul style="list-style-type: none"> <li>○ Identify and distinguish (e.g. native vs. non-native) common urban animals in Singapore;</li> <li>○ Understand and abide by laws governing animal issues in Singapore;</li> <li>○ Understand basic principles of animal welfare;</li> <li>○ Take basic measures to safeguard against animal diseases; and</li> <li>○ Ensure public / personnel safety and animal welfare when handling and trapping birds</li> </ul>	Pre-recorded (Self-study)	

## Week 2 & Week 3

You will be assigned to an individual time slot for the hands-on and oral assessment. Actual timing will be confirmed only after programme commencement.

Date	Duration	Topic & Outline	Learning Outcomes	Method	Assessors
<b>18 to 19 Apr</b> 9am to 5pm	120 mins per session	<b>Birds Hands-on Session*</b> APHC Lobby, 6 Perahu Road Singapore 718827.	o Demonstrate recommended handling and restraint methods	Hands-on assessment	TBC
	Individual Timeslot	o Bird Handling o Q&A	*Competency of handling with dummy birds will be assessed during this session	Venue: <b>APHC Lobby.</b>	
<b>25 Apr</b> 10am to 11am	60 mins	<b>MCQs* (Theories)</b>	Case scenarios will be given. i.e. How will you design a trap which ensures public safety, personnel safety and animal welfare	Live	TBC
<b>25 Apr</b> 1 to 5pm	30 mins	<b>Oral Assessment</b> Group/individual presentation <sup>#</sup>	15 min presentation to NParks panel		
	Individual Timeslot				
<b>26 Apr</b> 9am to 5pm	Individual Timeslot	<b>Oral Assessment &amp; MCQ Re-test</b> (if required) Group/individual presentation <sup>#</sup>			
<p>**IMPT: A field assessment will be arranged separately post programme completion. This will involve the assessor shadowing learners on their operations to observe and assess bird trapping and handling methods. Certification will only be conferred after the field assessment is completed.</p>					
<b>TBC</b>	Individual Timeslot	<b>Field Assessment</b>		Supervised trapping operations	TBC