

## Module Brief - Additional Information

### Note:

Please note that the information in this brief is tentative as faculty could still be in the process of developing or refining their module details.

<b>Module Code and Title</b>	Singapore Biodiversity: Past, Present, and Future
<b>Module Description</b> <i>The 100 word course description from <a href="#">Course Catalogue</a> will be made available to students. Please provide <b>additional</b> information if you wish.</i>	<p>The study of biodiversity is inextricably related to the history of science and society. This module will introduce students to the interdisciplinarity of Singapore's natural world by connecting the stories of environmental history to the specializations of biodiversity research. It will expose students to the multiple aspects of Singapore's biodiversity, combining the rigor of scientific concepts and field methods with the wealth of historical perspectives and cultural analyses. While the module focuses on the past and present of Singapore's natural world, it also highlights how the history and practice of biodiversity research is central to addressing future environmental challenges.</p>
<b>Learning Objectives</b>	<p>Current Environmental Studies modules tend to focus on single disciplines or operate within particular divisions. This course charts a different path. By the end of the module, students will:</p> <ul style="list-style-type: none"> <li>• Develop an interdisciplinary understanding of Singapore's biodiversity, covering subjects from ecology and science to history and culture;</li> <li>• Connect the stories of environmental history to the specializations of biodiversity research, and relate these connections to the study of Singapore's past, present, and future; and</li> <li>• Appreciate the human-biodiversity interface and the factors that explain why, and how, this interface changes over time and space.</li> </ul>
<b>Modes of Learning &amp; Teaching</b> <i>Please provide details of the learning activities learners will participate in etc.</i>	<ul style="list-style-type: none"> <li>• Co-taught seminars</li> <li>• Guest lectures (drawn from experts in the fields of environmental history and biodiversity research)</li> <li>• Relevant readings and class discussions</li> <li>• Field trips to biodiversity sites (experiential learning)</li> <li>• Digital media sources (documentaries)</li> <li>• Group activities and individual projects</li> </ul>
<b>Assessment Criteria</b>	Course Assessment

<i>Please provide details of the assessment methods or what proportion of the overall grade is composed by each component of assessment</i>	Week	Assignment	Percentage of total grade
	3	Biography	15
	6	Habitat	15
	10	Final	30
	12	Presentation	10
	Reflection journal based on a field trip		10
	Participation grade		10
	Discussion leadership		10
	Total		100
Required Reading List	Required Reading List will be enabled at the following site during module registration: <a href="http://courses.yale-nus.edu.sg/required-reading-list/">http://courses.yale-nus.edu.sg/required-reading-list/</a>		
Reading List (additional/supplementary)	A sample reading list: <ul style="list-style-type: none"><li>• Barnard, <i>Nature’s Colony</i></li><li>• Barnard (ed.), <i>Nature Contained</i></li><li>• Barnard, <i>Imperial Creatures</i></li><li>• Chua (ed.), <i>Animal Life and Nature in Singapore</i></li><li>• Low et al. (eds.), <i>Voyageurs, Explorateurs et Scientifiques: The French and Natural History in Singapore</i></li><li>• Low et al. (eds.) <i>200 Points in Singapore’s Natural History</i></li><li>• Ming and Ng (eds.), <i>Essays in Zoology</i></li><li>• Ng et al. (eds.) <i>Singapore Biodiversity</i></li><li>• Wallace, <i>The Malay Archipelago</i></li><li>• Articles from Gardens’ Bulletin</li><li>• Articles from Raffles Bulletin of Zoology</li><li>• Articles from the journals <i>Environment and History</i>, <i>ISIS</i>, <i>British Journal of the History of Science</i>, and <i>Nature</i></li></ul>		
Any other Information			