

Bioconservation

Module name		<i>Bioconservation</i>				
Module level		4 th year of Bachelor program				
Abbreviation, if applicable						
Sub-heading, if applicable						
Courses included in the module, if applicable		BI4102 Bioconservation				
Semester/term		8 th Semester				
Module coordinator(s)		Dr. Achmad Sjarmidi				
Lecturer(s)		Dr. Achmad Sjarmidi Dr. Tien Lastini				
Language		Indonesian				
Classification within the Curriculum		Elective courses for Bachelor Program in Biology				
Teaching format/ class hours per week during the semester		Lecture (face to face teaching): 2 hours x 14 weeks Practical class: 5 hours x 14 weeks				
Workload	Total Workload	176 hours; 3(1) CU				
		Face to face teaching	Structured Activities	Independent study	Exam	Total
	Lecture	28	32	32	4	96
	Practical class	48	16	14	2	80
	Total				176	
Credit points		<i>Bioconservation (3(1) CU)</i>				
Requirements		<i>Biosystematics, Ecology, Behavioral Biology</i>				
Content	<p>This course activities consist of lectures and practice with scope:</p> <ul style="list-style-type: none"> • The definition and scope of conservation • Environmental ethics • Conservation ethics • Natural biodiversity • Threat of extinction • Status of the species • Conservation at the ecosystem level, population and genetic • Conservation in situ and ex situ • Restoration, rehabilitation and reclamation • Local knowledge • Wildlife utilization • International regulations • Legislation • Conservation policy • Conservation funding • Institutional conservation • Literature and conservation database. 					
Learning goals/ competencies	<p><i>After completion of this module, students are expected to be able to:</i></p> <p>Knowledge:</p> <ul style="list-style-type: none"> • Explain the basic concepts and applications in bioconservation. • Identify conservation issues. <p>Skill and competences:</p> <ul style="list-style-type: none"> • Apply the concepts of bioconservation in the research field. 					

Study/exam achievements	<ul style="list-style-type: none"> • Midterm exam (25%) • Final exam (25%) • Assignment (20%) • Small research project (20%) • Attendance (10%) 		
Forms of media	<i>Classical teaching tools:</i>	<i>white board/ chalk and talk, power point, field lecture</i>	
	<i>Integrated teaching tools:</i>		
	<i>Digital teaching tools:</i>		
	<i>Problem based teaching tools:</i>	<i>Small research project</i>	
Literature	<ol style="list-style-type: none"> 1. van Dyke, F. 2003. <i>Conservation Biology</i>. New York: McGraw-Hill. 2. Meffe, G. K. dan C. R. Carroll. 1994. <i>Principles of Conservation Biology</i>. USA: Sinauer Associates, Inc. 3. Bawa, K. S., R. B. Primack dan M. A. Oommen. 2011. <i>Conservation Biology: A Primer of South East Asia</i>. India: Universities Press. 		