


MODULE HANDBOOK

	UNIVERSITAS PADJADJARAN FACULTY OF MATHEMATICS AND NATURAL SCIENCES BACHELOR OF BIOLOGY PROGRAMME	COURSE CODE : D10D-4007
Module designation	Terrestrial Ecology Practicum	
Semester in which the module is taught	4	
Persons responsible for the module	<ol style="list-style-type: none"> 1. Prof. Parikesit, M.Sc., Ph.D 2. Dr. Teguh Husodo, M.Si 3. Dr. Susanti Withaningsih, M.Si 4. Tatang S. Erawan, M.I.L 5. Nurullia Fitriani, MT 6. Indri Wulandari, M.I.L 	
Medium of instruction	Indonesian	
Relation to curriculum	Compulsory course	
Teaching methods	Practice	
Workload	<p>Total workload : 2720 minute = 45.33 hour</p> <p>Practice : 1 x 170 minute x 16 week = 2720 minute = 45.33 hour</p> <p>Exercises : -</p> <p>Self-study : -</p>	
Credit points	1.00 (1.81 ECTS)	
Required and recommended prerequisites for joining the module	General ecology	
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> 1. Able to explain and use the tools used in terrestrial ecology data collection. 2. Able to demonstrate mapping in terrestrial ecology planning and data collection 3. Able to demonstrate and explain the appropriate methods to be used in plant ecology data collection. 4. Able to demonstrate the methods used for data collection in plant ecology. 5. Able to show and explain the appropriate methods to be used in animal ecology data collection. 6. Able to demonstrate the methods used for data collection in animal ecology 	
Contents	In the terrestrial ecology practicum course, undergraduate Biology Study Program students will be given material about the tools used in measuring environmental parameters, especially climatic factors, as well as methods commonly used in terrestrial ecology data collection.	
Examination forms	Quiz, Midterm exam, Assignment, and Final exam	
Study and examination requirements	The minimum attendance in lectures is 100%. Final grades are evaluated based on quiz (20%), midterm exam (30%), assignment (20%), and final exam (30%)	
Reading lists	<ol style="list-style-type: none"> 1. Odum. 1994. <i>Dasar-dasar Ecologi</i>. Edisi ketiga. Yogyakarta : Gadjah Mada University Press. 2. Mueller-Dombois, D. & Ellenberg, H. 1974. <i>Aims & Methods of Vegetation Ecology</i>. New York: Wiley & Sons. 3. Ralph, C. J., Sauer, J. R., & Droege, S. <i>Monitoring Bird Populations by Point Counts</i>. Berkeley: Albany. 4. Hoffmann, A., Decher, J., Rovero, F., Schaer, J., Voigt, C., Wibbelt, G. 2010. <i>Field Methods and Techniques for Monitoring Mammals</i>. In book: <i>Manual on Field Recording Techniques and Protocols for All Taxa Biodiversitas Inventories and Monitoring</i>. Abc Taxa. 5. Eekhout, X. 2010. <i>Sampling Reptiles and Amphibians</i>. In book: <i>Manual on Field Recording Techniques and Protocols for All Taxa Biodiversitas Inventories and Monitoring</i>. Abc Taxa. 6. Sheikh, A. H., Ganaie, G. A., Thomas, M. Bhandari, R., & Rather, Y. A. 2018. Ant Pitfall Trap Sampling: An Overview. <i>J. ent. Res.</i> Vol. 42, No. 3: 421-436 	