MODULE HANDBOOK

	UNIVERSITAS PADJADJARAN **FACULTY OF MATHEMATICS AND NATURAL SCIENCES** **BACHELOR OF BIOLOGY PROGRAMME**	**COURSE CODE** **D10D- 602011**
Module designation	Ornithology	
Semester(s) in which the module is taught	6	
Person(s) responsible for the module	1. Prof Johan Iskandar, M.Sc.Ph.D 2. Dr. Susanti Withaningsih	
Medium of instruction	Indonesian	
Relation to curriculum	Elective course	
Teaching methods	Lectures, discussions, cooperative learning, and inquiry learning	
Workload	Total workload : 5440 minutes = 90.67 hours Lectures, discussions, cooperative learning, and inquiry learning : 2 x 50 minutes x 16 weeks = 1600 minutes = 26.67 hours Exercises : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours Self-study : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours	
Credit points	2,00 (3,62 ECTS)	
Required and recommended prerequisites for joining the module	-	
Module objectives/intended learning outcomes	1. Understand the scope of ornithology and the diversity of bird species 2. Understand bird ecology including population, habitat, home range, tertorial and migration. 3. Explain the ecological, economic, and socio-cultural functions of bird populations. 4. Know the disturbances and conservation techniques in bird populations 5. Know the methods in bird research	
Contents	This course provides knowledge and understanding of ornithology, which includes the basics of ornithology, the diversity of bird species and bird ecology, the function of birds for ecology and socio-economic human culture, disturbance to human life. socio-economic human culture, disturbance to the life of bird life, bird research methods, bird conservation, birdwatching activities, bird monitoring in nature birdwatching, bird monitoring in nature.	
Examination forms	Quiz, midterm exam, assignment, and final exam	
Study and examination requirements	The minimum attendance in lectures is 80%. The final grade is evaluated based on Assignments (30%), UTS (35%), and UAS (35%).	
Reading lists	1. Pettingill, O.S. 1970. Ornithology: in Laboratory and Field. Minneapolis: Burgess Publishing Company. 2. Hoogerwerf, 1948. Distribution of Birds in Java. Treubia 19: 116-127. 3. Sujatnika, P. Jepson, T.R. Soeharto, M.J.Crosby, A. Mardiastuti, 1995. Melestarikan Keanekaragaman Hayati Indonesia Pendekatan Daerah Burung Endemik. Bogor: PHPA/Bird Life 4. Iskandar, J. 2015. Keanekaan Hayati Jenis Binatang: Manfaat Ekologi Bagi Manusia. Graha Ilmu, Yogyakarta. 5. Sukamtoro, W. dkk, 2007. Daftar Burung Indonesia No.2. Bogor: IdOU dan PILI-NGO Movement. 6. Howes, J. dkk, 2003. Panduan Studi Burung Pantai. Bogor: Wetlands International. 7. Iskandar, J. 1980. Penelitian Ekologi Burung di Beberapa Pedesaan di DAS Citarum. Bandung: Skripsi Fmipa Unpad. 8. Iskandar, J.1982. Hobi Mengamati Burung di Alam. Bandung: Penerbit Karya Darma.	

9. Kovac, M.(ed), 1992. Biological Indicators in EnvironmentalProtection. Budapest: Akademi Kiado.
10. Iskandar, J. 2017. Ornitologi Dan Etnoornitologi. Plantaxia,Yogyakarta
11. Iskandar, J. 2020. Etnoornitologi: Nama-Nama Lokal Jenis-Jenis Burung Di Indonesia. Innosain, Yogyakarta.