


MODULE HANDBOOK

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|  | UNIVERSITAS PADJADJARAN FACULTY OF MATHEMATICS AND NATURAL SCIENCES BACHELOR OF BIOLOGY PROGRAMME | COURSE CODE D10D-6315 |
| Module designation | Plant Conservation | |
| Semester(s) in which the module is taught | 6 | |
| Person(s) responsible for the module | 1. Prof. Parikesit, M.Sc., Ph.D 2. Dr. Teguh Husodo, M.Si 3. Dr. Indri Wulandari, M.I.L | |
| 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 | Bioconservation | |
| Module objectives/intended learning outcomes | 1. Able to explain the basic concepts of plant conservation and mention policies and regulations related to plant conservation 2. Able to show protected plant species and describe the rarity and extinction of plant species 3. Able to show the problems and challenges of plant conservation sovereignty and identify current cases and issues in forest conservation 4. Able to explain insitu and exsitu plant conservation and show techniques for estimating the potential and collection of plant species naturally and sustainably in Indonesia's tropical forests. 5. Able to explain community involvement in the management and conservation of plant species and demonstrate local wisdom in forest conservation. | |
| Contents | In the plant conservation course, undergraduate Biology Study Program students will be given material on the basic concepts of plant conservation and related policies, protected plant species and descriptions of their rarity and extinction, current problems and cases in forest conservation, insitu and exsitu plant conservation, and community involvement in plant conservation. | |
| Examination forms | Quiz, midterm exam, assignment, and final exam | |
| Study and examination requirements | The minimum attendance in lectures is 80%. Final grades are evaluated based on Quizzes (20%), Assignments (20%), midterm exam (30%), and final exam (30%). | |
| Reading lists | 1. Peters, C.M. 1995. Pemungutan Secara Lestari Sumberdaya Tumbuhan Non-Kayu dalam Hutan Tropis Basah. (terjemahan). Biodiversity Support Program, Konsorsium WWF, TNC dan WRI. 2. Undang-Undang Republik Indonesia Nomor 5 Tahun 1990 tentang Konservasi Sumberdaya Alam Hayati dan Ekosistemnya. 3. Cunningham, A.B. 1993. Ethics, Ethnobiological Research and Biodiversity. WWF. Meyrin, Switzerland. 4. Wong, J.L.G., K. Thornber and N. Baker. 2001. Resource Assessment of Non-Wood Forest Products, Experience, and Biometric Principles. FAO- UN, Rome. | |