

Module Handbook

Modul Name	Spermatophytae Reproduction (Practical Work)
Modul Level	Bachelor
Abbreviation, if applicable:	BIB208
Sub-heading, if applicable:	-
Courses included in the module, if applicable:	-
Semester	Odd (7 th semester)
Module Coordinator(s)	Prof. Hery Purnobasuki, Ph.D
Lecturer(s)	Prof. Hery Purnobasuki, Ph.D
Language	Bahasa Indonesia
Classification Within The Curriculum	Compulsory Course / Elective Studies
Teaching format/ class hours per week during semester	300 minutes/ week
Workload per semester	100 min lecture + 100 min structural assignment + 100 min self-assignment x 13 weeks; total 3900 min = 65 hours 65/25 = 2.6 ECTS
Credit point	1
Requirement	Plant morphology and plant anatomy
Learning goals/competencies	Students are able to explain the mechanism of reproduction in seed plants, explaining the factors that affect the reproduction of seed plants, and analyze issues related to reproductive seed plants correctly.
Content	Angiospermae sexual reproductive organs. The seed structure of Angiospermae. Measurement of levels of seed. Asexual reproduction Angiospermae stem cuttings, leaf cuttings, layering, grafting, budding. Using desican for seed conservation. The use of some of media types in the seed nursery. Test bricks on some seeds. breaking of Angiospermae seed dormancy period.
Soft skill Attribute	Dicipline and cooperation
Study/exam achievements	Students are considered to be competent and pass if at least get 40 of maximum mark of the final score. Final score: Paper project (20%), quis (10%), mid exam (30%), final exam (30%), and softskill (10%) Final index is defined as follow: A = 75-100 AB = 70-74,99 B = 65-69,99 BC = 60-64,99 C = 55-59,99 D = 40-54,99 E = 0-39,99
Froms of Media	Laboratory Equipment
Learning Methode	Practical work/discussion
Literature	a. Ramawat, K.G, Merilion, Jean-Michel, Shivanna. K.R. 2014. Reproductive biology of plants. CRC Press
Note	-