

Module Handbook

Module Name:	Mycology (Practical Work)
Module Level:	Bachelor
Abbreviation, if applicable:	BIB203
Sub-heading, if applicable:	-
Courses included in the module, if applicable:	-
Semester/term:	Odd
Module coordinator(s):	Drs. Agus Supriyanto, M.Kes
Lecturer(s):	Tri Nurhariyati, S.Si, M.Kes. Prof. Dr. Ir. Tini Surtiningsih, DEA Dr. Fatimah Drs. Agus Supriyanto, M.Kes
Language:	Indonesian language
Classification within the curriculum	Compulsory Course / Elective Studies
Teaching format / class hours per week during semester:	300 minutes/ week
Workload:	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
Requirements	General Microbiology (Practical Work)
Learning goals/competencies	<p>General competence (skill) Students are able to compare fungi biodiversity based on morphology and cytology</p> <p>Specific competence</p> <ol style="list-style-type: none"> 1. Students are able to make slide culture media 2. Students are able identify <i>Aspergillus</i>, <i>Penicillium</i>, <i>Rhizopus</i>, <i>mucor</i> and yeast 3. Students are able to isolate and identify tape and tempe (fermented soybean cake) yeast 4. Students are able to isolate and identify kinds of molds from domestic waste, dry leaves/soil and fruit/cereal 5. Students are able to identify mycoryzha 6. Students are able to examine/analyze mycotoxin
Content	<i>Slide culture, Aspergillus, Penicillium, Rhizopus, Mucor, Yeast, Tape and tempe (fermented soybean cake) yeast, Kinds of domestic waste molds, Kinds of dry leaves and soil molds, Kinds of fruits and cereal molds, Mycoryzha, Mycotoxin</i>
Soft skill Attribute	Dicipline and team work, and argumentation
Study/ exam achievements	Students are considered to be competent and pass if at least get 40% of maximum. Final score (NA) is calculated as follow: Pre Test (25%), Paper project (25%), Research by Learning (25%)final exam lab (25%)

	<p>Final index is defined as follow:</p> <p>A : 75 - 100</p> <p>AB : 70 - 74.99</p> <p>B : 65 - 69.99</p> <p>BC : 60 - 64.99</p> <p>C : 55 - 59.99</p> <p>D : 40 - 54.99</p> <p>E : 0 - 39.99</p>
Form of media	Laboratory equipment
Learning Method	Practical work and Discussion
Literature	<p>a. Moore, E., dan Landecker. 1996. <i>Fundamental of the Fungi</i> 4th ed. Prentice Hall, Upper Saddle River, New Jersey.</p> <p>b. Moreau, C dan Moss, M. 1989. <i>Mould, Toxin and Food</i>,. John Willey & Sonss.</p>
Notes	-