



**KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI
UNIVERSITAS BRAWIJAYA
FAKULTAS PERTANIAN
DEPARTEMEN HAMA DAN PENYAKIT TUMBUHAN**

Jalan Veteran, Malang 65145, Indonesia
Telp. +62341- 575843, Fax. +62341- 569211

**MINUTES OF MEETING
MASTER OF AGRICULTURAL ENTOMOLOGY STUDY PROGRAM**

ACTIVITY PROGRAM	A follow-up based on the findings and suggestions from Panel Expert of AQAS
DATE	Thursday, December 7 th 2023
PLACE	Department room meeting
PERSONS INVOLVED	Head of Department : Luqman Qurata Aini, SP., M.Si., Ph.D Secretary of Department: Dr. Rina Rachmawati., SP., MP., M.Eng. Head of Study Program : Dr. Ahmad Rizali, SP., M.Si Note-taker : Yogo Setiawan., SP., MP. Members : Antok Wahyu Sektiono, SP., MP. M. Akhid Syib'li., SP., SP., Ph.D Dr. Silvi Ikawati, SP., MP., M.Sc. Tita Wijayanti, SP, M.Si. Ito Fernando, SP., MP Faiz Nashiruddin Muhammad, SP., MP.

Discussion:

The meeting aims to discuss and decide the solution for the findings from AQAS expert panels, from finding number 17-19, and resulted as follows:

No	Narration of Findings
17	The programme learning outcomes and intended learning outcomes must be revised to ensure that a. the programme learning outcomes are specific and concise, b. the intended learning outcomes are specific, measurable and quantifiable, c. both better reflect the competences defined at level 8 of the Indonesian Qualifications Framework (IQF) and level 7 of the European Qualification Framework (EQF) respectively.

1. For finding 17a, regarding PLO, the faculty members of the study program have assured that the PLO are written in the specific and concise manner and are reflected the three aspects of "Tridharma" University, which are academics, research, and community services. The faculty members agree to rephrase the first PLO (PLO 1) to better describe the correlation with the academic aspect, and mentioned bellows:

Finding 17a. PLO of MAE Study Program

Tridharma aspects	MAE PLO
Academic	PLO1: Being competent in the field of agricultural entomology and can compete at the global level Rephrase:

	PLO1: Being competent to develop concept and/or science in the field of agricultural entomology and to conduct academic activity with international standard
Research	PLO2: Being competent to develop research in the field of agricultural entomology nationally, regionally, and internationally
Community services	PLO3: Being competent to play an active role in community empowerment nationally, regionally, and internationally through the application of science and technology in the field of agricultural entomology

The rephrased version of the PLO has been published in the study program website: <https://fp.ub.ac.id/entomologi-pertanian/profil-ps-entomologi/#tab-id-3> and <https://s.ub.ac.id/ploilomae>

2. For finding 17b, the ILO of the study program has assured that they are specific, measurable, and quantifiable. There are matrices that correlate between ILO and courses, as well as the assessment methods. They are available in our course plan, and can be accessed in this link: <https://fp.ub.ac.id/course-description-of-mae/> and <https://s.ub.ac.id/coursedesmae>
3. For finding 17C, the faculty members once again assured that our ILO reflects Indonesian Qualification Framework (IQF) level 8 and European Qualification Framework (EQF) level 7 for master degree study. The faculty members made alignment matrix described below:

Finding 17b. Alignment matrix between IQF, EQF, and ILO of MAE Study Program

	Aspect	IQF level 8 (For Master)	EQF level 7 (For Master)	ILO MAE
a.	Attitude	Being able to work in team and have social sensitivity and concern for society and the environment;	Manage and transform work or study contexts that are complex, unpredictable and require new strategic approaches; take responsibility for contributing to professional knowledge and practice and/or for reviewing the strategic performance of teams	Being able to work together and have high social sensitivity and concern for society and the environment.

b.	Knowledge	Mastering the theory and application theory of certain fields of knowledge;	Highly specialized knowledge, some of which is at the forefront of knowledge in a field of work or study, as the basis for original thinking and/or research Critical awareness of knowledge issues in a field and at the interface between different fields	<ul style="list-style-type: none"> • Mastering concepts, theories, and methods in the field of agricultural entomology • Mastering the concepts of integrated pest management to achieve sustainable agriculture • Mastering the theory of biotechnology for plant pest control and plant resistance management
c.	Skills	Being able to develop logical, critical, systematic, and creative thinking through scientific research, creation of designs or works of art in the field of science and technology that takes into account and applies the values of the humanities in accordance with their areas of expertise, compiles scientific conceptions and results of studies based on rules, procedures, and scientific ethics in the form of a thesis or other equivalent form.	specialised problem-solving skills required in research and/or innovation in order to develop new knowledge and procedures and to integrate knowledge from different fields	Having skills to manage research in the inter/multidisciplinary field of agricultural entomology
d.		Being able to carry out academic validation or studies according to their field of expertise in solving problems in relevant society or industries through the development of their knowledge and expertise;		Having skills in contributing to problem-solving in society through research design in the field of agricultural entomology
e.		Being able to make decisions in the context of solving problems in the development of science and technology that takes into account and applies the values of the humanities based on analytical or experimental studies of information and data;		Having skills in developing proven innovations and applications for problem solving in the community in the field of agricultural entomology in an inter/multidisciplinary manner within the framework of sustainable agriculture

IQF and EQF only regulate and discuss about ILO, and therefore we only aligned them with our ILO, and not PLO.

No	Narration of Findings
18	The programme must include content on current threats resulting from climate change and biodiversity loss – either within new courses or by making the contents explicit in the current course descriptions of relevant courses.

4. The faculty member of MAE SP confirmed that the current issues regarding climate change and biodiversity loss are already being adopted in the lecture materials of "relationship between climate change and pests" as well as "tropical agroecosystem biodiversity" course. We are committed that the lecture materials need to be constantly updated. The last updating activities of the lecture materials were conducted through workshop on December 19-20, 2022. We have updated the lecture materials through series of workshops and FGD with stakeholders in March 2023 (<https://s.ub.ac.id/momquesthouse>) and October 2023 (<https://s.ub.ac.id/minuteofmeetingmae>). The lecture materials that discuss about the current issues e.g. climate change and biodiversity loss are available in this link: <https://fp.ub.ac.id/course-description-of-mae/> and <https://s.ub.ac.id/coursedesmae>

No	Narration of Findings
19	The course descriptions must be improved: a. the contents and topics of each course must be described concisely, b. the level of detail regarding the course learning outcomes (i.a. subcategories, ranking) must be consistent, c. the different taxonomy and competence levels must be applied properly, d. the different learning outcomes must be aligned with the proper domains of learning (i.e. cognitive, affective, psychomotor), e. the assessment forms must be properly aligned with the domains of the intended competencies, f. the references and literature recommendations must be updated.




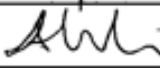



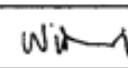




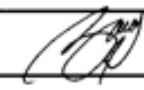

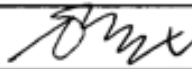

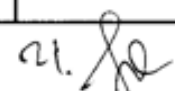
5. The study program does have the complete version of the course descriptions/ course plan that consist poin a-f, according to the OBE curriculum standard. The version that are available in SER document are being adjusted to meet the AQAS template/ standard, and became compacted. We already assured that the course learning outcome are being aligned with the ILO, and properly reflect the suitable competencies in Taxonomy Bloom, as well as being aligned with three domains of learning. The assessment are being aligned with the coure learning outcomes, and are available in the course descriptions. We are committed that the references and literature recommendations need to be constantly updated. The last updating activities of the lecture materials were conducted through workshop on December 19-20, 2022. <https://fp.ub.ac.id/course-description-of-mae/> and <https://s.ub.ac.id/coursedesmae>

Appendix 1. The Documentation and presence list of the Study Program Meeting:

KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI
 UNIVERSITAS BRAWIJAYA FAKULTAS PERTANIAN
DEPARTEMEN HAMA DAN PENYAKIT TUMBUHAN

Daftar Hadir

Hari/Tanggal : Senin, 7 Agustus 2023
 Acara :Penyusunan Dokumen Feedback AQAS

No	Nama	Tanda Tangan	Tanda Tangan
1	Prof. Dr. Ir. Abdul Latief Abadi, MS		1 
2	Luqman Qurata Aini, SP, M.Si, Ph.D.	2 	
3	Dr. Rina Rachmawati, SP, MP, M.Eng		3 
4	Dr. Akhmad Rizali, SP, M.Si	4 	
5	Dr. Irida Trianti, SP, MP, M.Sc		5
6	Dr. Ir. Mintaro Martosudiro, M.S.	6	
7	Antok Wahyu Sektiono, SP, MP		7 
8	Fery Abdul Choliq, SP, MP	8	
9	M. Akhid Syib'li, Sp, MP, Ph.D.		9 
10	Dr. Silvi Ikawati, SP, MP, M.Sc	10 	
11	Tita Wijayanti, SP, M.Si		11 
12	Yogo Setiawan, SP, MP	12 	
13	Ito Fernando, SP, MP		13 
14	Mia Prastika Dewi, SP	14	
15	Faiz Nashiruddin Muhammad, SP		15 
16	Adhita P.	16 	
17	Bintang Probo		17 
18	Bayu A. P	18 	
19	Achmad Fitriandi T		19 
20	Anton Melus Ruten	20 	
21	Moch. Syamsul Hani		21 



December 7th, 2023

Head of Department,



Luoman Qurata Aini, SP, M.Si, PhD

Head of MAE SP,

Dr. Akhmad Rizali, SP, M.Si.