

**CURRICULUM OVERVIEW  
AGROTECHNOLOGY DEPARTMENT**

Code	Semester/ Module	Credit Points per Semester								Conversion to ECTS	Workload		Method of Teaching i.e. lecture course, seminar	Form and Duration of Examinations	weight of exam related to final grade	Name of Lecturer(s)
		1.	2.	3.	4.	5.	6.	7.	8.		Hours in Class	Hours Self-Study				
<b>Semester 1</b>		<b>19</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>253</b>	<b>608</b>				
110201159	Civics	2								3,0	27	64	L			Team Teaching Faculty
110201729	Pancasila	2								3,0	27	64	F			Team Teaching Faculty
110205726	Faith and Humanity	1								1,5	13	32	L	Paper-pencil based/ 50 minutes/credit, PRESENTATION, PROJECT BASED	70%	Team Teaching UMM
110205835	Productive Skills of ESP	2								3,0	27	64	L, M	Paper-pencil based/ 50 minutes/credit	90%	Team Teaching UMM & Faculty
210200259	Agricultural Biology	3								4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Fatimah Nursandi MSi
210201938	Innovative Agrocomplex	2								3,0	27	64	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Team Teaching Faculty
210204833	Bahasa Indonesia	2								3,0	27	64	L, T	Paper-pencil based/ 50 minutes/credit	90%	Dr. Gigit Mujianto MSi
210205378	Integrated Natural Sciences: Chemistry, Physics, Agricultural Mathematics	2								3,0	27	64	L, T	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Machmudi MSi
210205729	Agronomic: Development, Growth, and Propagation	3								4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Agus Zainudin MP
<b>Semester 2</b>			<b>22</b>							<b>33,0</b>	<b>293</b>	<b>704</b>				
120201165	Entrepreneurship		2							3,0	27	64	F,T	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Untung Santoso MSi
120205727	Worship and Mu'amalah (AIK 2)		1							1,5	13	32	L	Paper-pencil based/ 50 minutes/credit	70%	Team Teaching UMM
120205836	Receptive Skill of ESP		2							3,0	27	64	L, M	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Henik Sukorini PhD
210200249	Plant Biochemistry		3							4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Machmudi MSi
210200667	Plant Physiology		3							4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Muhidin MP
210204268	Agroclimatology		3							4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Erfan Dani Septia SP MP
210204776	Identification of Pest Organisms		3							4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Dian Indratmi MP
210204780	Computer Application		2							3,0	27	64	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Wahono MT
310200942	Soil Science		3							4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Ali Ikhwan MP
<b>Semester 3</b>				<b>20</b>						<b>30,0</b>	<b>267</b>	<b>640</b>				
120201074	Kemuhammadiyah (AIK 3)			1						1,5	13	32	L	Paper-pencil based/ 50 minutes/credit	70%	Team Teaching UMM
210200678	Genetics			3						4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Agus Zainudin MP. & Dr. Erni Isharhati MP.
220201166	Horticultural Plant Business Incubation			2						3,0	27	64	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Padhina Pangestika SP MP

210202727	Statistics			2						3,0	27	64	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Prof. Dr. Ir Aniek Iriany MP
210204267	Microbiology and Organic Agriculture			3						4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Ali Ikhwan MP
310201262	In-Vitro Culture			3						4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Syarif Husain MP
310204777	Plant Protection Management			3						4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Prof Dr Ir Dyah Roeswitawati MS
310204783	Horticultural Crop Management			3						4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Syarif Husain MP
<b>Semester 4</b>				<b>24</b>						<b>36,0</b>	<b>320</b>	<b>768</b>				
110202909	Seed Technology			3						4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Aulia Zakia SP MSi
120205728	Islam dan IPTEKS			1						1,5	13	32	L	Paper-pencil based/ 50 minutes/credit	70%	Team Teaching UMM
210201544	Agricultural Mecanization			3						4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Ilmam Zul Fahmi SP MSc
210201839	Plant Breeding			3						4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Erni ishartati MP. & Dr. Ir. Agus Zainudin, MP.
210202483	Experimental Design			3						4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Prof. Dr. Ir Aniek Iriany MP
220205092	Crop Business Incubation			2						3,0	27	64	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Padhina Pangestika SP MP
310204784	Agricultural Biotechnology			3						4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Erfan Dani Septia SP MP
310204787	Analysis of Land Suitability and Soil Fertility			3						4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Ali Ikhwan MP
310204788	Management of Crop Production			3						4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Sri Mursiani MP
<b>Semester 5</b>				<b>21</b>						<b>31,5</b>	<b>280</b>	<b>672</b>				
210204271	Post Harvest Management			3						4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Henik Sukorini PhD
310201271	Landscape			3						4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Fatimah Nursandi MSi
310201585	Agronomic Research Method			3						4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Prof Dr Ir Dyah Roeswitawati MS
310204789	Industrial Plantation Management			3						4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Agus Zainudin MP
310204792	Urban Agriculture			3						4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Wahono MT
420202360	Seed Production			3						4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Aulia Zakia SP MSi
420206237	Smart and Precision Agriculture			3						4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Muhidin MP
<b>Semester 6</b>				<b>24</b>						<b>36,0</b>	<b>587</b>	<b>1408</b>				
320206239	Pesticide and Biological Fertilizer Production *			3						4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Erfan Dani Septia SP MP
420200112	Plant Growth Analysis			3						4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Aulia Zakia Sp. MSi
420205620	Agro e-commerce			3						4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Wahono MT
420206003	Applied Plant Breeding **			3						4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Team teaching and Stakeholder
420206004	Product Development and Seed Market **			3						4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Team teaching and Stakeholder
420206005	Seed Processing **			3						4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Team teaching and Stakeholder

420206006	Seed Commerce **							3		4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Team teaching and Stakeholder
420206007	Seed Resource Management **							3		4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Team teaching and Stakeholder
420206008	Seed Production Company Orientation **							2		3,0	27	64	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Team teaching and Stakeholder
420206009	Seed Production Technique **							3		4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Team teaching and Stakeholder
420206240	Writing and Publication of Scientific Papers							2		3,0	27	64	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Prof Dr Ir Dyah Roeswitawati MS
420206241	Agricultural Waste Bioconversion *							3		4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Dian Indratmi MP
420206242	Agro-Industry Business							4		6,0	53	128	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Untung Santoso MSi
420206243	Statistics Application *							3		4,5	40	96	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Padhina Pangestika SP MP
420206244	Horticultural Production Management II *							3		4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Syarif Husain MP
320205610	Integrated and Sustainable Agriculture *							2		3,0	27	64	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Team Teaching Agrotechnology
320205612	Agricultural Waste Management *							2		3,0	27	64	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Team Teaching Agrotechnology
420205611	Marginal Land Management *							2		3,0	27	64	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Ali Ikhwan MP
420205613	Digital Technique in Agronomy *							2		3,0	27	64	L, T, M	Paper-pencil based/ 50 minutes/credit	90%	Dr. Ir Wahono MT
<b>Semester 7</b>								<b>8</b>		<b>12,0</b>	<b>373</b>	<b>896</b>				
420206245	Seed Industry Profession Incubation **							4		6,0	53	128	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Team teaching and Stakeholder
420206246	PMM: Seed Industry Colleagues Farmers **							4		6,0	53	128	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Team teaching and Stakeholder
420206247	Vegetable Seed Production Business Partner **							3		4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Team teaching and Stakeholder
420206248	Fruit Seed Production Business Partner **							3		4,5	40	96	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Team teaching and Stakeholder
420206249	Seed Industry Professional Internship **							6		9,0	80	192	L, T, M, F	Paper-pencil based/ 50 minutes/credit	90%	Team teaching and Stakeholder
510201260	Community Service by Students (PMM)							4		6,0	53	128	T, M	Paper-pencil based/ 50 minutes/credit	90%	Team Teaching UMM
520202255	Internship							4		6,0	53	128	T, M	Paper-pencil based/ 50 minutes/credit	90%	Team Teaching Agrotechnology
<b>Semester 8</b>																
510202666	<b>Bachelor's Thesis</b>							6		9,0	80	192				
<b>total</b>		19	22	20	24	21	24	8	6							<b>144</b>

**L:** Lecture  
**S:** Seminar  
**T:** Tutorial  
**M:** Mini project  
**F:** field study and practice  
**\*** Elective Course  
**\*\*** COE