

**“Excellence in Science, Technology  
and Environmental Sustainability”**

# **FACULTY OF SCIENCE AND NATURAL RESOURCES**

## **BACHELOR OF SCIENCE WITH HONORS**

BPKP CODE PROGRAMME OFFERED

**HG23 Plantation Forestry and Agroforestry**

### **For further inquiries, please contact:**

Faculty of Science and Natural Resources Complex  
of Science & Technology

Tel : +6088 - 320 000  
Ext. : 5872  
Fax : +6088 - 435 324  
Email : [pejsst@ums.edu.my](mailto:pejsst@ums.edu.my)

Faculty of Science and Natural Resources Complex  
of Forestry

Tel : +6088 - 320 118  
Fax : +6088 - 320 876  
Email : [pejspta@ums.edu.my](mailto:pejspta@ums.edu.my)

**HG23 PLANTATION AND AGROFORESTRY**

	Year 1		Year 2		Year 3		Year 4	
	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
UNIVERSITY CORE (12 CREDIT HOURS)	<b>UW00202</b> Titas <b>UE00102</b> Ethics and Moral	<b>UW00102</b> Ethnic relations <b>UC00102</b> Corporate Communications <b>UK00202</b> Creative Thinking and Writing	<b>UW00302</b> Fundamentals of Entrepreneurship Culture					
UNIVERSITY CORE LANGUAGE (8 CREDIT HOURS)	<b>UXXXXX2</b> Language	<b>UXXXXX2</b> Language	<b>UXXXXX2</b> Language	<b>UXXXXX2</b> Language				
UNIVERSITY CORE CO-CURRICULUM (3 CREDIT HOURS)	<b>EJ11101</b> Co-Curriculum	<b>EJ11201</b> Co-Curriculum	<b>EJ11301</b> Co-Curriculum					
FACULTY CORE (18 CREDIT HOURS)	<b>FC10103</b> Soil Science <b>FC10303</b> Dendrology	<b>FC10203</b> Plant Pyhsiology <b>FC10403</b> Forest Ecology	<b>FC20103</b> Biometrics		<b>FC30102</b> Scientific Writing and Research Methods <b>FC30301</b> Forest Camp			
PROGRAMME CORE (62 CREDIT HOURS)	<b>FL10103</b> Forest Protection	<b>FK10403</b> Wood Science	<b>FL20103</b> Plant Production Technology <b>FS20103</b> Survey	<b>FL20203</b> Agroforestry Systems and Practices <b>FL20403</b> Forest Plantation Management <b>FS20403</b> Silviculture <b>FS20603</b> Forest Inventory	<b>FL30103</b> Plantation Economics <b>FL30303</b> Animal Husbandry <b>FP30103</b> Geographic Information Systems <b>FS30503</b> Forest Engineering	<b>FL30203</b> Tree-Crop-Soil Interaction and Nutrient Management <b>FL30403</b> Genetics and Plant Breeding <b>FL30603</b> Project I <b>FS30202</b> Forest and Wood Products Certification	<b>FL40103</b> Agribusiness and Marketing of Plantation Products <b>FL40303</b> Agriculture Crop and Forest Plantation in the Tropics <b>FL40503</b> Integrated Farm Management <b>FL40703</b> Project II <b>FS40103</b> Community Forestry and Forestry Extension	

HG23 PLANTATION AND AGROFORESTRY								
	Year 1		Year 2		Year 3		Year 4	
	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
INDUSTRIAL TRAINING (12 CREDIT HOURS)								FS40212 Industrial Training
**ELECTIVE (12 CREDIT HOURS)			FX2XXX3 Elective Course	FX2XXX3 Elective Course	FX3XXX3 Elective Course	FX3XXX3 Elective Course		
TOTAL (127 CREDIT HOURS)	16	18	17	17	18	14	15	12

**\*Notes:**

Course offered is subject to changes.

\*\* Choice of package offered in Complex of Forestry:

- Human Resource Management **FX30403**
- Environmental Land Use Planning **FX30603**
- Industrial Relation **FX30803**
- Management of Quality

2 <sup>nd</sup> Year		3 <sup>rd</sup> Year	
1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
FX20103 Fundamentals of Forest Entomology	FX20203 Introduction to Plant Disease Management	FX30103 Forest Restoration	203
FX20303 Nature Interpretation	FX20403 Foresters Knowledge and Skills	FX30303 Climate and Environmental Issues	
FX20503 Accounting Principles	FX20603 Principles and Practices of Management	FX30503 Financial Management	
	FX20803 Evaluation and Planning of Rural Community		

