

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

# **FACULTY OF SCIENCE AND NATURAL RESOURCES**

## **BACHELOR OF SCIENCE WITH HONORS**

BPKP CODE PROGRAMME OFFERED

**HY11 Wood Technology and Industry**

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

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**HY11 WOOD TECHNOLOGY AND INDUSTRY**

	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> Ethnics relations <b>UC00102</b> Corporate Communications <b>UK00202</b> Creative Thinking and Writing	<b>UW00302</b> Fundamentals of Entrepreneuership 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>FK10102</b> Forest Resource Economics	<b>FK10202</b> Introduction to Main Forest Products <b>FK10403</b> Wood Science	<b>FK20103</b> Advanced Wood Science <b>FK20302</b> Non-Wood Fibre Resources <b>FK20502</b> Forest Resource Management	<b>FK20203</b> Wood Chemistry <b>FK20403</b> Adhesive and Coating <b>FK20603</b> Wood Deterioration and Wood Quality Enhancement <b>FK20803</b> Primary Wood Processing	<b>FK30103</b> Introduction to Furniture Design <b>FK30303</b> Wood Composite Products <b>FK30503</b> Pulp and Paper Technology <b>FK30702</b> Policy, Laws and Regulations in Wood Based Industry	<b>FK30203</b> Engineered Wood Products <b>FK30403</b> Furniture Manufacturing Technology <b>FK30602</b> Marketing of Forest Products <b>FK30803</b> Project I <b>FS30202</b> Forest and Wood Products Certification	<b>FK40102</b> Timber Trade <b>FK40302</b> Wood Based Factory Management <b>FK40503</b> Management and Utilization of Biomass <b>FK40702</b> Seminar : Special Topics in Wood Industry <b>FK40903</b> Project II	

Course Structure Session 2015 / 2016

HY11 WOOD TECHNOLOGY AND INDUSTRY								
	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		
<b>TOTAL (127 CREDIT HOURS)</b>	15	20	18	17	17	16	12	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
<b>FX20103</b>	<b>FX20203</b>	<b>FX30103</b>	<b>203</b>
Fundamentals of Forest Entomology	Introduction to Plant Disease Management	Forest Restoration	
<b>FX20303</b>	<b>FX20403</b>	<b>FX30303</b>	
Nature Interpretation	Foresters Knowledge and Skills	Climate and Environmental Issues	
<b>FX20503</b>	<b>FX20603</b>	<b>FX30503</b>	
Accounting Principles	Principles and Practices of Management	Financial Management	
<b>FX20203</b>			
Introduction to Plant Disease Management	<b>FX20803</b>		
	Evaluation and Planning of Rural Community		

